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MONTANA HIGHWAY DEPARTMENT

STATE DOCUMENTS
NOV 16 1976

FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

NOVEMBER 15, 1976

BRITISH COLUMBIA
DOMINION OF CANADA
GLACIER
TOOLE
LIBERTY
HILL
PHILLIPS
VALLEY
DANIELS
SHERIDAN
ROOSEVELT
RICHLAND
LINCOLN
FLATHEAD
SANDERS
LAKE
POWELL
DEER LODGE
GRANITE
MISSOULA
RAVALLI
BEAVERHEAD
MADISON
GALLATIN
BROADWATER
JEFFERSON
SILVER BOW
CASCADE
TETON
PONDERA
BLAINE
FERGUS
PETROLEUM
GARFIELD
McCONE
DAWSON
WIBAUX
JUDITH BASIN
WHEATLAND
GOLDEN VALLEY
MUSSELSHELL
ROSEBUD
FALLON
CUSTER
CARTER
POWDER RIVER
BIG HORN
YELLOWSTONE
TREASURE
SWEET GRASS
STILLWATER
CARBON
WYOMING
NORTH DAKOTA
LEGEND
Billings DIVISION HEADQUARTERS
DIVISION CONSTRUCTION SECTION BOUNDARY
Approved
H.J. Anderson, Director
Department of Highways
MONTANA
DIVISION
CONSTRUCTION
SECTIONS

MONTANA DEPARTMENT OF HIGHWAYS
MISSOULA, MONTANA
NOVEMBER 12, 1976

Montana Department of Highways
Helena, Montana

Progress Report
Area 1130

Gentlemen:

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending November 12, 1976:

G E N E R A L

Skies have been mostly cloudy, temperatures moderate, and precipitation light the past two weeks. Progress has been fair on most projects.

P R E C O N S T R U C T I O N

I 90-1(10)11-22, Saltese - DeBorgia — Gary Eichert, Field Project Mgr.
Length - 10.8 Miles, Prelim. Engineering — St. Regis, Mont., Phone 649-2471
A 4-man engineering crew is locating and referencing control points throughout the project.

I 90-1(12)22, Drexel - East & West — VTN, Inc., Consultant
Bridge Design — Helena, Montana
Work is continuing on the design. The contract is 99% complete.

I 90-1(12), Drexel - East & West — Menasco-McGuinn Associates
Length - 5.8 Miles — Helena, Montana
There has been no word from the consultants.

I 90-1(13)39-43, Sloway - East & West — Henningson, Durham & Richardson
I 90-1(40)43-47, Superior - West — Helena, Montana, Consultants
F 254(10), LaVista - Superior Primary
Work is continuing on right of way, summaries, and miscellaneous details on Sloway - East & West and Superior - West. Necessary revisions are being made on the Superior structures. A review is being made of the line change by the bridge over the C. M. St. P. & P. Railroad. The roadway section of the contract is 87% complete, bridge section 99%, and the total contract as a unit is 95% complete.

I 90-1(77)22, Drexel - East & West — L. D. Claridge, Field Proj. Mgr.
Length - 5.342 Miles, Construction Staking — St. Regis, Mont., Phone 649-2471
Construction layout remains 28% complete. Personnel are currently working on other assignments.

I 90-1(77)22, U-3, Henderson Interchange — Personnel Unassigned
Length - 138.0-ft. Prestressed Concrete
Girder Overpass
Contract Scheduled for Letting Nov. 18, 1976
Construction staking has been completed.

RS 4(10), State Route 269 - Stevensville — Personnel Unassigned
Length - 0.5± Mile, Preliminary Engineering
Work will be started when personnel are available.

RF 192(9), Arlee - Safety — Julian Hughes, Field Proj. Mgr.
Flasher Installation & Traffic Control Devices — Missoula, Mont., Phone 549-6491
Contract Scheduled for Letting Nov. 18, 1976

F 197(8), Dixon - Ravalli — Personnel Unassigned
Length - 8.5± Miles, Preliminary Engineering
Work will be started when personnel are available.

F 219(36), DeSmet - Evaro — C. W. Hegman, Field Proj. Mgr.
Length - 5.3 Miles — Missoula, Mont., Phone 549-6491
Survey Started Dec. 18, 1975 — Est. Comp. Date - Pending
Work has been temporarily suspended. The survey remains 96% complete.

RF 215(27), Florence - Lolo, Add 2 Lanes — H. J. Smith, Designer II
Length - 8.5 Miles — Missoula, Mont., Phone 549-6491
Cross sections were completed on transitions at Sta. 434+ to Sta. 451+ and from Sta. 312+ to Sta. 320+. Work is currently underway on typical sections and the placing of the southbound centerline and topog. on prints, to be traced onto the new linen plan and profile sheets. The design is 6% complete.

S 221(3), Thompson Falls - West — H. J. Smith, Designer II
Length - 4.3 Miles — Missoula, Mont., Phone 549-6491
There has been no work the past two weeks on subject project. Revised earthwork run has not yet been received from Data Processing. The design remains 59% complete.

S 221(7), Thompson Falls - West — H. J. Smith, Designer II
Length - 4.31 Miles — Missoula, Mont., Phone 549-6491
Design data are in Helena for checking.

RF 223(6), Plains - Paradise — Personnel Unassigned
Length - 6.9± Miles, Preliminary Engineering
Work will be started when personnel are available.

RS 360(4), Intersection of Rattlesnake Drive & Lincolnwood, Missoula, Preliminary Engineering — Personnel Unassigned
Work will be started when personnel are available.

M 8105(3), Broadway & Russell, Missoula — J. R. Williams, Field Project Mgr.
Signal Revision & Channelization — Missoula, Montana
Contract Scheduled for Letting Nov. 18, 1976

M 8114 - Missoula — Personnel Unassigned
5th & 6th to 7th Streets
Work will be started when personnel are available.

M 8199(3), Missoula Intersections — Personnel Unassigned
Preliminary Engineering
Work will be started when personnel are available.

C O N S T R U C T I O N

I 90-1(80)0, Lookout Pass - East
Length - 10.732 Miles, AGS-PMS-G. Rail-Sign
Contract Awarded May 6, 1975
Amount of Contract - $5,359,850.07
Work Started June 30, 1975
Work Proceed Date - May 28, 1975
Northwest Construction, Inc.
Kirkland, Wash., Contractor
C. R. Owen, Field Proj. Mgr.
Saltese, Mont., Phone 678-4346
Contract Time - 200 Working Days
Prob. Comp. Date - Nov. 26, 1976

There has been no work the past few weeks. The only work remaining to be accomplished is pit reclamation. The project as a whole is 99% complete with 78% of the contract time elapsed. Construction layout, with a 3-man engineering crew engaged, is 99% complete.

I 90-1(16) U-1 & I 90-1(52)11, U-1
DeBorgia - East & West & Saltese - Haugan
Length - 10.828 Miles, GR-AGG. SURF-PMB
Contract let Dec. 14, 1972
Amount of Contract - $5,533,558.78
Work Started Feb. 15, 1973
Washington Construction Co.
Missoula, Mont., Contractor
Carl E. Smith, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 350 Calendar Days
Completed - Aug. 12, 1976

Final data will be submitted to the Division office about December 10, 1976.

I 90-1(77)22, U-1, Drexel - East & West
Length - 455.0-Ft. & 638.0-Ft. Composite Steel & Girder Bridges over the St. Regis River
Contract let July 2, 1975
Amount of Contract - $2,282,935.00
Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
Jack Silvey, Engr. Tech. 3
Superior, Mont., Phone 649-2471
Contract Time - 140 Working Days

The progress report was not received from the field. The latest report indicated that storage of structural steel was the only item remaining to be completed. The project as a whole was 35% complete with all of the contract time elapsed.

I 90-1(77)22, U-2, Drexel - East & West
Length - 0.5 Mile, Grading & Detours
Contract let June 10, 1976
Amount of Contract - $1,453,180.88
Work Started July 6, 1976
Work Proceed Date - July 6, 1976
Washington Construction Co.
Missoula, Mont., Contractor
L. D. Claridge, Field Proj. Mgr.
St. Regis, Mont., Phone 649-2471
Contract Time - 120 Working Days
Prob. Comp. Date - July 1, 1977

Finishing of cut is under way from Sta. 171 to 178, and material is being hauled to finish the fill at Sta. 165+. Seeding operations are also in progress. The project as a whole is 90% complete with 72% of the contract time elapsed. Thirty-nine men are working on ten 8-hour shifts per week. Construction layout, with a 7-man engineering crew engaged, is 96% complete.

I 90-1(59)35, U-2, Sloway Interchange
Length - Dual 128.0-Ft. Prestressed Concrete Girder Overpass
Contract let May 15, 1975
Amount of Contract - $324,775.51
Work Started July 2, 1975
Hightower & Wallace Construction Co.
Missoula, Mont., Contractor
George Roat, Field Proj. Mgr.
Superior, Montana
Contract Time - 130 Working Days
Completed - July 28, 1976

Final data are in the field for correction.

I 90-1(87)45, Superior - West
Length - 544.5-Ft. Composite Steel & Concrete Girder Bridge over the Clark Fork River
Contract let June 26, 1975
Amount of Contract - $1,084,707.40
Work Started Aug. 25, 1976

Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
George Roat, Field Proj. Mgr.
Superior, Montana
Contract Time - 250 Working Days
Prob. Comp. Date - May 29, 1977

Work the past week consisted of driving service pile at Pier 3, placing of seal concrete for the footing at Pier 3, and placing of concrete for the cap at Pier 4. The project as a whole is 30% complete with 68% of the contract time elapsed. Sixteen men are working on ten 8-hour shifts per week. Construction layout, with a 3-man engineering crew engaged, is 35% complete.

I 90-2(51)78, U-3, Huson - West
Length - 1,020-Ft. Composite Steel & Concrete Girder Bridge over Clark Fork & Emb. Approaches
Contract let Aug. 16, 1974
Amount of Contract - $2,367,500.00
Work Started Oct. 9, 1974

Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
William C. Maart, Field Proj. Mgr.
Missoula, Mont., Phone 722-4461
Contract Time - 280 Working Days
Prob. Comp. Date - May 30, 1977

Work has been suspended for the winter months. The project as a whole is 96% complete with 92% of the contract time elapsed. Construction layout, with a 2-man engineering crew engaged, is 99% complete.

RF 164(20), Philipsburg - South
Length - 7.7 Miles, PMB, Seal & Cover, Sign & Lighting
Contract let May 13, 1976
Amount of Contract - $591,661.11
Work Started May 26, 1976

Zook Brothers Construction Co.
Great Falls, Mont., Contractor
Allan Dutton, Field Proj. Mgr.
Philipsburg, Mont., Phone 859-3602
Contract Time - 90 Working Days
Prob. Comp. Date - Jan. 15, 1977

There has been no work the past period. The contractor is awaiting delivery of materials. The project as a whole is 96% complete with 94% of the contract time elapsed. Construction layout is 98% complete.

RF 186(9), Perma - East
Length - 3.6 Miles, PM-Seal-Cover-Surf-G. Rail
Contract let June 26, 1975
Amount of Contract - $402,977.50
Work Started Aug. 25, 1975
Work Proceed Date - July 22, 1975

Zook Bros. Construction Co.
Great Falls, Mont., Contractor
Allan Dutton, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 90 Working Days
Completed - Aug. 9, 1976

Final data are expected in the office next week for checking.

F 215(23), Florence - Lolo &
F 259(16), Florence - North & South
Length - 9.344 Miles, G-GS-PMS, Sign & Fence
Contract let Sept. 19, 1973
Amount of Contract - $1,579,040.37
Work Started Oct. 24, 1973
Work Proceed Date - Oct. 16, 1973

Washington Construction Co.
Missoula, Mont., Contractor
Gerald Tahija, Field Proj. Mgr.
Drummond, Mont., Phone 288-3280
Contract Time - 330 Calendar Days
Completed - October 27, 1975

Final data will be submitted to Helena about Jan. 3, 1977

F 215(25) & F9999(5), U-3, City of Missoula
Length - 6.8 Miles
Contract let Sept. 20, 1973
Amount of Contract - $175,736.13
Work Started Feb. 19, 1974
Work Proceed Date - Oct. 18, 1973

Rainbow Electric, Contractor
Great Falls, Montana
J. R. Williams, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 120 Calendar Days
Completed - Nov. 18, 1975

Final data will be submitted to Helena about Dec. 10, 1976.

HHS 219(1), FF 219(32) & HHS 219(35) — McIntyre Const. Co. & Birch, Inc.
DeSmet Interchange - North, Evaro - North & South & Evaro Hill — Great Falls, Mont., Contractor
C. W. Hegman, Field Project Mgr.
Length - 10.595 Miles, Missoula & Lake Counties — Missoula, Mont., Phone 549-6491
Contract let Feb. 26, 1976 — Contract Time - 110 Working Days
Amount of Contract - $876,235.40 — Completed - Sept. 29, 1976
Work Started April 30, 1976
Final data will be submitted to the Division office about Dec. 1, 1976.

RS 343(12), Avon - Helmville — Washington Construction Co.
Length - 5.1 Miles, G-AGG. Surf-PMB-Widen & Guard Rail Revision — Missoula, Mont., Contractor
Gerald P. Tahija, Field Proj. Mgr.
Contract let May 27, 1976 — Drummond, Mont., Phone 288-3280
Amount of Contract - $1,168,747.12 — Contract Time - 150 Working Days
Work Started July 7, 1976 — Prob. Comp. Date - Aug. 15, 1977
Finishing operations are underway from Sta. 750+00 to the end of the project. Approximately 25,000 tons of 1½" C. B. C. were produced and placed on the roadway, from Sta. 672+00 to 887+00, which completed the first lift of this material. Laying of approach pipe and minor cleanup are also in progress. The project as a whole is 30% complete with 56% of the contract time elapsed. Fifty-three men are working six 8-hour shifts per week. Construction layout, with a 12-man engineering crew engaged, is 75% complete.

M-RS 000S (51) & M 8199(2), U-1 — Skinner Enterprises, Contractor
Signing & Delineation - Missoula County — Helena, Montana
Contract let Sept. 30, 1975 — J. E. Hughes, Field Proj. Mgr.
Amount of Contract - $77,620.20 — Missoula, Mont., Phone 549-6491
Work Started March 17, 1976 — Contract Time - 120 Working Days
Work Proceed Date - Oct. 22, 1975 — Completed Oct. 22, 1976
The project has been completed, subject to final inspection and acceptance. Final data will be submitted to the Division office about Dec. 31, 1976.

M-RS 000S(53), Missoula County, Urban — Western Sign Corp., Contractor
Length - 37.9 Miles, Signing & Delineation — Great Falls, Montana
Contract let Oct. 29, 1976 — J. E. Hughes, Field Proj. Mgr.
Amount of Contract - $58,976.70 — Missoula, Mont., Phone 549-6491
Work Not Yet Started — Contract Time - 90 Calendar Days
Work will probably be started next spring.

M 8107(2), City of Missoula — Skinner Enterprises, Contractor
Signalization of Intersections — Helena, Montana
Contract let Sept. 30, 1975 — J. R. Williams, Field Proj. Mgr.
Amount of Contract - $144,725.75 — Missoula, Mont., Phone 549-6491
Work Started Nov. 17, 1975 — Contract Time - 75 Working Days
Work Proceed Date - Oct. 22, 1975 — Proj. Completed Oct. 18, 1976
The final estimate will be submitted to the Division office about Dec. 29, 1976

M 8107(4), North Orange Street, Missoula — Midland Electric, Contractor
Length - 0.8Mile, Light. & Overheight Detector — Billings, Montana
Contract let Aug. 26, 1976 — J. R. Williams, Field Proj. Mgr.
Amount of Contract - $85,663.22 — Missoula, Mont., Phone 549-6491
Work Not Yet Started — Contract Time - 60 Working Days
The contractor plans to start work next spring.

M 8199(2), U-2 & M-U 8199(4), Missoula
School Crossings, Signing & Signalization
Contract let June 10, 1976
Amount of Contract - $106,132.00
Work Started July 20, 1976
Work Proceed Date - July 6, 1976

Western Sign Corporation
Great Falls, Mont., Contractor
J. E. Hughes, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 60 Working Days
Prob. Comp. Date - Dec. 17, 1976

The contractor is waiting for signal poles, which are expected to be here about the first part of December. Also, there is some top soil to be placed and 30 feet of curbing to be poured. The project is 90% complete.

Willard C. Neighbors
ENGINEERING OFFICER 1

WCN:cn

DEPARTMENT OF HIGHWAYS

Kalispell, Montana

November 12,1976

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending November 12, 1976.

G E N E R A L

Progress has been fair. Weather has ranged from occasional clearing to mostly cloudy with low overcast and fog with some light precipitation. Day time temperatures from +45° to +55° with night temperatures from +22° to +36°. Highways in normal fall driving conditions with occasional snow on mountain passes.

P R E - C O N S T R U C T I O N

HHS-58(28) Libby-Kalispell
Length - 2000' & 4300' Alignment Improvement
Survey Authorization Dated - August 27, 1976
Survey Started - September 7, 1976

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
(Field Hdqtrs.-Crystal Creek)
Est. Comp. Date - Jan. 1, 1977

The project consists of two separate sections. The most westerly section is 4400 feet in length including spirals and connections. The most easterly section is 7000 feet in length including spirals and connections. The easterly section is from Sta. 128+00 to Sta. 198+00. Centerline, benches, cross-sections and topography is 100% complete. Section ties are approximately 25% complete. Centerline is 100% complete on westerly section. A survey crew of six personnel worked 42 man days, making a total of 181 man days used to date. The survey as a whole is approximately 50% complete.

F-100(9) Columbia Falls East & West
S-334(2) Nucleus Avenue
Length - 5.4 Miles
Design Started - January 14, 1975

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date: Jan. 1, 1977

F-100(9)
A plan-in-hand inspection was held on November 4 & 5, 1976. Work has now begun on recommended plan changes. These changes mainly consist of minor grade line and storm drain revisions. 239 man days have been used to date on design, which is approximately 50% complete.
S-334(2)
A plan-in-hand inspection was held on November 4 & 5, 1976. Recommended plan changes primarily consist of revising the location of the storm drain along Nucleus Avenue. 66 man days have been used to date on design, which is approximately 50% complete.

RF-257(16) Coram-West Glacier Section
Length - 4.8 Miles
Scheduled for March 1977 Letting

Duane Anderson, F.P.M.(Temp.)
Kalispell, Montana 59901
Phone: 755-5006

No field work due to crew on other assignments.

Utilities

Montana Power and Mountain States Telephone started gas main and telephone relocations October 8, 1976 in the Belton area. Work suspended October 27, 1976. Montana Power relocation is approximately 10% complete and Mountain States Telephone is approximately 5% complete. Harp Line Construction Co., contractor for Flathead Electric Co-op plan to start clearing power corridor as soon as right of way problems are resolved and right of way staked. R.E.A. crew is presently staking centerline and right of way limits on acquired right of way. One inspector is assigned as required.

F-263(8) Stryker-Rooseville
Length - 6.0± Miles
Survey Authorization Dated - Nov. 13, 1975
Survey Started - December 8, 1975

Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Est. Comp. Date: Feb. 1, 1977

The survey is now suspended pending shutdown of construction activities this fall. Survey as a whole is approximately 71% complete with 554 man days expended.

RS-325(2) Libby South East Rte. 482
Length - 3.5 Miles
Survey Authorization Dated - Dec. 6, 1974
Survey Started - January 6, 1975
Survey Suspended - January 17, 1975

Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Est. Comp. Date: Pending

No work on this location survey due to construction work. The limited survey which consists of centerline, section ties and level datum remains 3% complete.

RS-451(1) West Reserve Drive
Length - 6.5 Miles
Design Started - July 22, 1974

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date: Pending

There has been no work on design this reporting period. Design personnel will be working on projects F-100(9) and S-334(2) until completion. 82 man days have been used to date on RS-451(1) design, which is approximately 12% complete.

C O N S T R U C T I O N

FH7-1(1) Thompson Falls-West
Aggregate Surfacing & Plant Mix Bit. Base & Signing
Length - 10.0 Miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1975
Contract Amount - $756,731.50
Proceed Order - April 21, 1975
Work Started - July 22, 1975

Zook Brothers Const. Co.
Great Falls, Montana 59401
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 110 Working Days
Proj. Completed: Aug. 18, 1976

The project was completed and accepted on August 18, 1976 with 103 of 111 contract days being used or 93% of the adjusted contract time. Work on the final will convene after work winds down this fall and personnel are available.

RF-58(26) Manicke-Kalispell
Fencing U.S. #2 Loon Lake-Flathead Co. Line
Length - 10.0 Miles
Contract Let - August 21, 1975
Contract Awarded - August 27, 1975(FHWA 8-28-75)
Contract Amount - $185,172.00
Proceed Order - Sept. 18, 1975 (S.P. #17)
Worked Started - Oct. 6, 1975

Fred Strandberg Const. Co.
Helena, Montana 59601
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Contract Time: 60 Working Days
Completed: June 18, 1976

The project was completed and accepted June 18, 1976. A total of 45 working days were used or approximately 74% of the contract time. One engineer is working on final quantities as time permits. Estimated submittal date is December 1, 1976.

ERFO 72(2) Essex Summit
Bear Creek - Flood Repair
Length - N/A
Contract Let - October 29, 1976
Contract Awarded - October 29, 1976
Contract Amount - $1,711,336.10
Proceed Order - Not Received to Date
Work Started - Not Started

Zook Brothers Const. Co.
Great Falls, Montana 59403
Duane Anderson, Field Proj. Mgr.
Essex, Montana 59916
(No Phone)
Contract Time: 120 Working Days
Prob. Comp. Date: Aug. 1, 1977

A five man engineering crew worked the past period running centerline and staking for excavation and rip rap. Construction layout is about 15% complete. The preconstruction conference is scheduled for the date of this writing with the contractor planning to start work soon while weather permits.

RF-BRF-100(15) Flathead River Br. Col. Falls
Pre-Stressed Concrete Girder Bridge &
Grade & Surf. Temp. Approach
Length - 0.303 Miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1975(Conc. by FHWA)
Contract Amount - $2,117,380.30
Proceed Order - April 21, 1975
Work Started - May 21, 1975

COP Construction Co.
Billings, Montana 59101
Lawrence Chezik, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time: 300 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been fair with some increase in pay items. The contractor worked 3 single and 8 double shifts of 8 hours per shift employing 9-18 men. Concrete for the cap at W.B. Bent No. 5 has been placed. Forms are constructed, re-steel tied etc. for placement of concrete for the W.B. Pier shaft No. 3. Work presently consists of excavation at W.B. Pier No. 2 and final form adjustments at W.B. Pier shaft No. 3. The project as a whole is approximately 65% complete with 79% total contract time lapsed. Two State employees are presently assigned to the project.

U191(38) St. Matthew School Signals
MU6799(1) U.S. #2 Signal Upgrade
Installation of Flasher at St. Matthew School Crossing on Main St. in Kalispell and Signal Controller Upgrade on Four Intersections on U.S. #2
Contract Let - March 25, 1976
Contract Awarded - March 31, 1976(FHWA 4-1-76)
Contract Amount - $46,975.20
Proceed Order - April 22, 1976
Work Started - October 13, 1976

Signal Electric, Inc.
Kent, Washington
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 45 Working Days
Prob. Comp. Date: Dec. 1, 1976

There has been no progress the past two weeks. Two men worked 1-8 hour shift and got the St. Matthew's school flasher operating and then moved off to another project temporarily, while waiting for material for the Idaho Street signals. They now plan to resume work about December 1. The project is approximately 4% complete with 0% of the contract time elapsed. One engineer is assigned to the project.

HHS 257(31) Dew Drop Curve
Grading & Plant Mix Surfacing
Length - 0.094 Miles
Contract Let - August 30, 1976
Contract Awarded - August 30, 1976
Contract Amount - $17,623.96
Proceed Order - September 20, 1976
Work Started - October 8, 1976

Pack & Co., Inc.
Kalispell, Montana 59901
Duane Anderson, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 30 Working Days
Project Completed: Oct. 19, 1976

The project was satisfactorily completed on October 19, 1976 using 70% of contract time. The final is being worked on as time permits and will be turned into the division office about December 1, 1976.

DP-270(13) U.S. #93 North of Kalispell
Grade, Gravel Surface, Plant Mix Surfacing
Length - 0.776 Miles
Contract Let - February 26, 1976
Contract Awarded - March 1, 1976
FHWA Concurred - March 2, 1976
Contract Amount - $285,900.23
Proceed Order - April 16, 1976
Work Started - April 27, 1976

Pack & Co., Inc.
Kalispell, Montana 59901
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 60 Working Days
Prob. Comp. Date: Nov. 12, 1976

There has been no progress. Work remaining is the adjustment of drop inlet and concrete box on approach at Sta. 58+. Final inspection and acceptance by FHWA was made on September 10, 1976, contingent upon completion of the above items. Project as a whole is 99% complete. One engineer is assigned to the project as required.

RF-330(6) Libby-East
Grade, Agg. Surf. Plant Mix Surf. & Seal, Storm Sewer Installation Signing, Lighting & One Pre-stressed Concrete Girder Bridge
Length - 4.5 Miles
Contract Let - March 27, 1975
Contract Awarded - April 4, 1975(FHWA Conc.4-7-75)
Contract Amount - $2,843,803.46
Proceed Order - April 28, 1975
Work Started - April 28, 1975

Zook Brothers Const. Co.
Great Falls, Montana 59401
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 200 Working Days
Prob. Comp. Date: Oct. 29, 1976

No work the past 2 weeks. The luminairs are complete and are presently awaiting the electrical inspectors approval and P.P. & L. to connect up the power. Seeding commenced on October 26 and was completed on October 28. The FHWA inspected the project on September 9 for acceptance of the work completed as of that date. The project as a whole can be considered 99% complete pending the power hookup on the luminaires. No personnel currentiy assigned due to other work loads.

RS 404(8) & M6730(1) Kalispell-South Loop
Grade, Agg. Surf.,Pl. Mix Base, Pl. Mix Surf. & Water Line and Signing
Length - 3.7 Miles
Contract Let - September 30, 1976
Contract Awarded - October 7, 1976
Contract Amount - $1,739,309.92
Proceed Order - October 28, 1976
Work Started - November 9, 1976

Clark Brothers Contractors
Victor, Montana 59875
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Tiem: 130 Working Days
Prob. Comp. Date: Oct. 15, 1977

Survey crews have been staking water line from Sta. 576 to Sta. 615, staking earthwork Sta. 470 to Sta. 480 and miscellaneous drainage items. The preconstruction conference was held on October 19, 1976. The prime contractor, with 4 men, began work on November 9, 1976 with the setting of construction signing. The sub-contractor, Trails End, plans to start water line work about November 15, 1976. There are presently 13 employees assigned on construction layout. The project as a whole is 0% complete with 7% of the contract time elapsed.

Utilities
All utility relocations are now complete.

RS-410(8) Wampoo-4th of July Creek-Yaak Rd.
Grade, Gravel Surface, Plant Mix
Length - 4.6 Miles
Contract Let - June 10, 1976
Contract Awarded - June 14, 1976
Contract Amount - $1,546,063.86
Proceed Order - July 6, 1976
Work Started - July 6, 1976

Murphy Bros., Inc.
Spokane, Washington
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Contract Time: 140 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been fair. The contractor is working 2-8 hour shifts 5 days a week with trucks and front end loader and 1-8 hour shift 5 days a week with scrapers. Grading operations between Sta. 7± to 45± and 115 to 150± are now 90% complete. Clearing and grubbing remains 95% complete. Drilling operations are 95% complete. Installation or cross deains remain 61% complete. The sub-contractor is now setting forms for the open bottom arch pipe at 4th of July Creek. SSPP as a whole are 80% complete. Construction layout with 9 engineering personnel is approximately 50% complete. The project as a whole is approximately 48% complete with 56% of the contract time elapsed.

RS-DP 448(3) Dayton-Northwest
Grade, Agg. Surf. Plant Mix Base
Length - 5.38 Miles
Contract Let - December 18, 1975
Contract Awarded - December 19, 1975
Contract Amount - $1,227,911.77
Proceed Order - April 16, 1976
Work Started - April 5, 1976

L. M. Johnson, Inc.
Spokane,Washington
August Strobbe, Field Proj. Mgr.
Dayton, Montana
Phone: 849-5565
Contract Time: 180 Working Days
Prob. Comp. Date: May 17, 1977

Progress has been poor. The sub-contractor has a total of 8 employees working variable shifts from 8 to 10 hours, five days a week. All contract and change orders are 100% complete with the exception of guard rail which is approximately 30% complete and the chip and seal which will be completed in the summer of 1977. The project as a whole is approximately 91% complete with 76% of the contract time elapsed. Construction layout is approximately 95% complete with 6 state personnel engaged in survey duties.

SMP-2499-74 State Project
4 Crusher Setups in Flathead & Lake Counties
Contract Let - December 18, 1975
Contract Awarded - December 19, 1975
Contract Amount - $137,160.00
Proceed Order - January 9, 1976
Work Started - March 17, 1976

McIntyre Const. Co. & Birch, Inc.
Great Falls, Montana 59401
John Kalien, Div. Mat'l. Supv. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time: 90 Working Days
Project Completed: May 27, 1976

The final was forwarded to Helena November 5. This will be the final report.

Relocation: Montana 37 - Unit 3A - Libby Dam & Lake Koocanuse Project
Length - 2.44 Miles
Contract Awarded - August 3, 1976
Contract Amount - $732,945.00
Proceed Order - August 31, 1976

Bering Straits Const. Co.
(Central Const. Co.)
Seattle, Washington
U.S. Army Corps of Engineers
Libby, Montana 59923
Phone: 293-6221
Contract Time: 360 Working Days
Est. Comp. Date: Pending

A pre-construction conference was held on September 10, 1976. The contractor advised that the only work scheduled for this fall will be removal of the railroad grade and quarry work.

James J. Keithley, P.E.
Supv.-Div. Const. Section

JJK:HS:ljm

Department of Highways

Butte, Montana

November 11, 1976

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending November 9, 1976. The weather has been mild with rain showers and temperatures ranging from +21° to +59°.

PRECONSTRUCTION

RS 6(10)
Canyon Ferry Dam S.E.
Location Survey
3.507 Miles
Lewis & Clark and Broadwater Counties

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
January 28, 1977

Work on the Hardshell will commence when time permits. There has been a total of 198 man days expended to date. All items. with the exception of the Hardshell are 100% complete. Project as a whole is 90% complete.

I IG 15-3(13)157
Basin - Boulder
Design
5.9 Miles
Jefferson County

Morrison - Maierle, Inc.
Consulting Engineers
Probable Completion Date:
March 14, 1976

Surfacing sections were requested from MDH. A preliminary plan of a reinforced earth bridge abutment structure over the R/R at Sta. 1295± was submitted to MDH for review and approval. Preliminary R/W requirements were submitted to MDH for use at the Public Hearing which is scheduled for Nov. 22, 1976. Work continues on earthwork revision and cross section revision. Preliminary Plans are 70% complete. Project as a whole is 28% complete.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grade are all 100% complete. The design remains 22% complete with 164 man days used to date.

F 214(7)
Intersection of 11th Ave. and
Fee St. - Helena
Location Survey
0.00 Miles
Lewis & Clark County

Gerald S. Ditto, Manager
Field Project
Helena, Montana
Probable Completion Date:
Undetermined

Work on this project will commence when time permits.

F 249(18)
Helena West
Design
6.2745 Miles
Lewis & Clark County
Design Started: Dec. 7, 1970

VTN. Inc.
Helena, Montana
Probable Completion Date:
Undetermined

Received approval of Change Order for Design Study Report and Public Hearing 6/1/76. Transmitted original tracings for Right-Of-Way, Construction Plans, Fencing & Utility Plans to MDH 8/10/76. Transmitted original tracings for Signing Plans to MDH. Project as a whole is 99% complete.

F 249(19)
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald S. Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
January 21, 1977

Survey has been suspended, temporarily, due to construction projects. There has been a total of 511½ man days expended to date. Lines and Levels runs are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

RS 250(3)
Gregson Road
Location Survey
2.9 Miles
Silver Bow County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location on this project will commence when a crew is available.

RS 364(4)
Basin Creek Road
Location Survey
2.850 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

RS 364(4) Cont'd.
Design work on this project has been suspended until the remaining field work is completed. This will be accomplished when a survey crew becomes available at the end of the construction season. Field work on the project remains 65% complete. Line and Levels run, cross sections and topography taken are 100% complete, section ties are 50% complete, hardshell and profile are 80% complete. Design work on the project is 10% complete. Notes reduced and checked are 100% complete, cross section plotted are 100% complete, cross section topoged and inked are 90% complete.

RS 393(1)
West of Twin Bridges
Location Survey
1.0 Miles
Madison County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available.

S 442(1)
Grand Avenue - Butte
Location Survey
1.3745 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

Work for the period consisted of tracing plan and profile linens and revising grades on profile to meet side street drainage requirements. Two men expended 11 man days for a total of 113 man days used to date. The plan and profile linens are traced for 1.4 miles or 83% complete. The cross sections plotted and inked are 100% complete. The profile revised and plotted is 65% complete. Design work on the project is 10% complete.

S 452(1) Section 2
Whitehall - Jefferson Island
Design
1.041 Miles
Madison & Jefferson Counties

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

The design work on this project has been suspended awaiting the bridge end elevations and design from the Bridge Dept. The mylar and profile plotted; the plan and profile linens traced, and the cross sections plotted and inked are all 100% complete. The design remains 10% complete with 40 man days used to date.

M 5807(1)
Neill to Lyndale on North
Last Chance - Helena
Location Survey
0.8 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

PRECONSTRUCTION

M 5807(1) Cont'd.
Field location work on this project will commence when a crew is available.

CONSTRUCTION

I 15-2(34)103 Unit 2
Divide North
The constr. of a dual 75.0' prestressed Concrete girder overpass (Tucker Cr. Grade Separation) & a dual 75.0' prestressed concrete girder overpass (Highland Road Separation)
0.028 Miles
Silver Bow County
Contract Let: January 8, 1974
Bid Price: $287,136.62
Work Started: Feb. 13, 1974

Feldman-Murphy General Contracting Co.
Billings, Montana
Robert Gilman, Manager
Field Project
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 200 Calendar Days
Completion Date:
June 21, 1976

Checking of Final Data is progressing in the Division Office. It is estimated that Final Data will be sent to Helena on November 18, 1976.

I 15-2(34)103 Unit 3
& F RF 43(28) Unit 2
Surfacing on Divide and Wisdom - Divide Roads
Aggregate Surfacing, Plant Mix Bit. Surfacing and Signing
8.62 Miles
Silver Bow County
Contract Let: March 27, 1976
Bid Price: $2,098,291.50
Work Started: July 22, 1975

Empire Sand & Gravel, Inc.
Billings, Montana
Gene Campbell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 150 Working Days
Completion Date:
October 22, 1976

Final Inspection and Acceptance was October 29, 1976. It is estimated that Final Data will be sent to Helena on January 14, 1977.

I 15-2(34)103 Unit 4
Divide - North
The construction of a Dual Rest Area, Lighting, Signing and Related Items
Contract Let: June 12, 1975
Bid Price: $377,474.95
Work Started: July 21, 1975

Ingram-Clevenger, Inc.
Helena, Montana
Irvin Broell, Manager
Divide, Mt. Tel. 267-2263
Contract Time: 200 Working Days
Probable Completion Date:
April 15, 1977

Work the past period consisted of conducting seeding operations. The contractor employed 3 men for 4-8 hour shifts. Work remaining consists of installation of curbing and landscaping work under Change Order No. 2 which will be accomplished next spring. Project as a whole is 99% complete with 99% of the contract time elapsed. There is one Engineer assigned to this project.

I 15-2(35)111 Unit 1
I 15-2(36)118
Deer Lodge Pass North & Nissler South Roads
Grading, Agg. Surfacing, Plant Mix Bit.
Surf. & Signing
Silver Bow County
7.792 Miles
Contract Let: Sept. 20, 1973
Bid Price: $2,694,875.50
Work Started: Oct. 18, 1973

McIntyre Constr. Co. & S. Birch
Great Falls, Montana
Matt Vranish, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 360 Calendar Days
Completion Date:
July 19, 1976

Work on the Final Estimate is 70% complete in the Field Office. Estimated Submittal date in Division Office is Dec. 15, 1976. It is estimated that Final data will be sent to Helena on March 18, 1977.

I 15-2(37)134 &
I 15-3(25)135 Unit 1
Butte North & Woodville-North
Grading, Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-5841
Contract Time: 260 Working Days
Probable Completion Date:
September 9, 1977

Work the past period consisted of conducting finishing operations. The contractor employed 15 men for 7-8 hour shifts. Project as a whole is 66% complete with 50% of the contract time elapsed. Construction layout as a whole is 80% complete with 6 Engineers and 1 Inspector engaged.

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205 & I 90-4(31)207
Nissler - East Butte, Inter., Butte Spur
Opportunity Junction - Homestake Pass Road
and Opportunity Interchange
4 - Lane Safety Upgrade
30.7 Miles
Silver Bow & Deer Lodge Counties
Contract Let: April 24, 1975
Bid Price: $1,577,086.10
Work Started: June 23, 1975

Western Sign Corp., Lewis Constr. Co. & Cascade Electrical Co. (JV)
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 150 Working Days
Probable Completion Date:
November 19, 1976

Work the past period consisted of seeding and doing general cleanup. The contractor employed 6 men for 8-9 hour shifts. Project as a whole is 99% complete with 99% of the contract time elapsed. Construction layout as a whole is 100% complete with 5 Inspectors engaged.

I 15-3(25)134 Unit 2
Woodville - North Road
The construction of a dual 148.0 foot prestressed concrete girder overpass (Woodville Interchange), a dual 123.0' Concrete girder overpass (Sawmill Gulch Separation)and a dual 128.0 foot prestressed concrete girder overpass (Trask Interchange)
0.075 Miles
Jefferson County
Contract Let: Oct. 17, 1974
Bid Price: $806,060.40
Work Started: May 19, 1975

McEachern Constr. Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Warm Springs, Mt.
Contract Time: 230 Working Days
Probable Completion Date:
November 19, 1976

The only work remaining is some touch-up painting. Project as a whole is 99% complete with 81% of the contract time elapsed. There is one Engineer assigned to this project.

I 15-3(26)140 Unit 1
Elk Park - South
Grading, Aggregate Surfacing
Plant Mix Bituminous Base,
Fencing and Signing
Jefferson County
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Started: Sept. 14, 1976

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Bill Bork, Manager
Field Project
Butte, Mt. Tel. 494-5706
Contract Time: 150 Working Days
Probable Completion Date:
November 11, 1977

Work the past period consisted of conducting grading operations & installing culverts. The contractor employed 42 men for 20-10 hour shifts. Project as a whole is 41% complete with 25% of the contract time elapsed. Construction layout as a whole is 80% complete with 8 Engineers and 2 Inspectors engaged.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover
Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Const. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
June 30, 1977

Work the past period consisted of conducting grading operations, installing culverts and laying gravel. The contractor employed 38 men for 10-9 hour shifts. Project as a whole is 58% complete with 79% of the contract time elapsed. Construction layout as a whole is 81% complete with 2 Engineers and 4 Inspectors engaged.

RS 34(7)
Wisdom - South
Grading, Agg. Surf., Pl. Mix
Base, Seal and Cover
10.160 Miles
Beaverhead County
Contract Let: June 29, 1976
Bid Price: $1,609,681.60
Work Started: July 26, 1976

Clark Bros. Contractors
Victor, Montana
William Birkenbuel, Manager
Field Project
Wisdom, Mt. Tel. 689-2255
Contract Time: 175 Working Days
Probable Completion Date:
October 14, 1977

Work the past period consisted of laying gravel and installing culverts. The contractor employed 56 men for 10-10 hour shifts. Project as a whole is 61% complete with 45% of the contract time elapsed. Construction layout as a whole is 97% complete with 5 Engineers and 5 Inspectors engaged.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North & South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Constr. Co.
Missoula, Montana
John T. McGeever, Manager
Field Project (Road)
Warm Springs, Mt. Tel. 693-2242
Loren Matkin, Manager
Field Project (Bridge)
Warm Springs, Montana
Contract Time: 260 Working Days
Probable Completion Date:
September 15, 1977

Road
Work the past period consisted of conducting grading operations and installing culverts. Contractor employed 58 men for 20-8 hour shifts. Project as a whole is 25% complete with 29% of the contract time elapsed. Construction layout as a whole is 70% complete with 15 Engineers and 2 Inspectors engaged.
Bridges
Progress during the past period was good. Work consisted of: Sta. 812+05.20 Excavating for & forming on Bt. No's. 2,3&4 footings. Sta. 842+26.32 (W.B.) placing concrete, stripping & curing Bt. No. 3 crossbeam. (E.B.) forming on & placing Reinf. Steel in Bt. No. 2 cross beam. Rd. Cont'r. making a haul road to these structures for placement of end approach fills. Sta. 1049+68.60 (W.B.) placing concrete, stripping, finishing & curing Abut. No. 1 Abut. & wingwalls; forming on & placing Reinf. Steel in deck, all spans & preparing to place this deck concrete. (E.B.) forming on Abut. No. 1 Abut wall. Sta. 1150+10.00 (W.B.) placing concrete - Bt. No. 1 & No. 5 backwalls, end & inter. diaph's., all spans & deck, all spans. (E.B.) starting to form on Bt. No. 1 backwall & Span No. 1 diaph's. The guard angles arrived for all structure, all locations. Percentage complete for the items are as follows: Conc. Cl. AD, 39%; Pre-beams - Type A - 40,45,65&70 foot, 100%; Struct. Excav. Type 1, 84%; Test Pile T.T., 64%; Furn. T.T. Pile, 78%; Drive T.T. Pile, 85%; Pile-Prebore Holes, 57% & Reinf. Steel, 32%. The structures as a whole are 32% complete. During the past period the sub-cont'r. (McIntyre-Birch) worked 11-9 hour shifts with 29 men employed. Construction layout is 35% complete with a 5 man engineering crew assigned.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Fencing and
the construction of a 303.76' steel
girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: $3,718,181.56
Work Started: June 30, 1976

Max J. Kuney Co.
Spokane, Washington
Ray G. Masters, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 240 Working Days
Probable Completion Date:
October 14, 1977

Road
Work the past period consisted of conducting grading operations and installing culverts. Contractor employed 40 men for 10-8 hour shifts. Project as a whole is 25% complete with 40% of the contract time elapsed. Construction layout as a whole is 91% complete with 6 Engineers and 2 Inspectors engaged.
Bridges
Beckhill Interchange at Sta. 338+00.00: Excavation Abut. No. 1 main and wing ftgs. and forming Abut. 1 main and wing ftgs.
Junior Grade Separation at Sta. 386+49.10: Progress during the past two week period was fair. Stripping Abut.2Wing Ftg. forming, placing and tying re-steel. Placed Conc. Abut. 2 retaining wall and Abut. 1 Wing Wall. Percentages complete for the structural items are as follows: Structure Excavation 66%; Reinforcing Steel 24%; Class AD Concrete 24%; Traffic Control 18%; Mobilization 20%. The Contractor worked 1-9 Hr. Shift and 9-8 Hr. shifts employing an average of 7 men on the structures. The structural section of the project is 13.6% complete.

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2
Warm Springs - North & South
and Galen-East Road
The construction of a dual 133.0' prestressed concrete girder overpass, 5 concrete slab structures and a dual 85.0' prestressed concrete girder bridge on project
I IG 90-4(26)194 U2 and the
construction of a 121.5' prestressed concrete girder bridge on project RS 304(12)U2
0.075 Miles
Deer Lodge County

Contract Let: July 24, 1975
Bid Price: $1,081,047.36
Work Started: November 26, 1975
McEachern Const. Co.
Butte, Montana
Harold Wiebe, Manager
Field Project
Warm Springs, Mt. Tel. 693-2276
Probable Completion Date:
March 30, 1977

Structures at Galen Interchange Sta. 939+75.20: West-Bound Structure: Formed, placed and tied steel, and placed concrete at curbs Rt. & Lt. East-Bound Structure: Finishers worked at finishing columns and cross-beams.
Lost Creek Structure Sta. 1012+20.00: Abutment No. 1 formed, placed and tied steel, placed concrete at Abutment No. 1 Abutment Walls and Wings Lt. & Rt. ℄ Median. Began excavation of Abutment No. 2 Footings.
Structures at Clark Fork River Sta. 1370+07.00: East-Bound Structure: Placed concrete at deck slab. No work being performed on West Bound.

I IG 90-4(26)194 Unit 2 Cont'd.
Percentages complete for items are as follows: Unclassified Channel Excavation 54%, Excavation 83%, Reinforcing Steel 75%, Class AD Concrete 80%, Structural Steel 70%, Shoring & Crib 96%, Filter Material 22%, Gravel Blanket 22%, Class II Rip Rap 40%, Mobilization 60%, Steel Beam Bridge Rail Type 5 17%, Prestressed Beams Type A 60 Ft. 60%, Prestressed Beams Type 4 85 Ft. 100%, Prestressed Beams Type A 35 Ft. 100%. The project as a whole is 73% complete with 72% of the contract time elapsed. The contractor worked nine (9) eight (8) hour shifts employing an average of twenty (20) men.

I 90-5(29)233
Homestake Pass Rest Area
Construction of a Dual Rest Area,
Landscaping and remodeling
Existing Picnic Shelters
Jefferson County
Contract Let: August 15, 1974
Bid Price: $388,952.00
Work Started: Sept. 12, 1974

Ingram-Clevenger, Inc.
Helena, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract Time: 110 Working Days
Probable Completion Date:
November 26, 1976

A final inspection of the trees and shrubs on this project was held on September 27, 1976 and it was determined that several plants would have to be replaced. Final Data has been returned to the Field Office for further clarification.

RF 171(17) & RS 167(10)
Harrison - North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work Started: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract Time: 200 Working Days
Probable Completion Date:
December 1, 1976

Work the past period consisted of laying gravel and conducting plant mix operations. The contractor employed 33 men for 7-8 hour shifts. Project as a whole is 98% complete with 64% of the contract time elapsed. Construction layout as a whole is 98% complete with 5 Engineers and 5 Inspectors engaged.

FF 214(8)
Signalizing of the intersection
of 11th Ave. and Sanders St., 11th
Ave. & Lamborn St., Prospect Ave.
and Sander St. and Prospect Ave.
& Lamborn St. in Helena
0.00 Miles
Lewis & Clark County
Contract Let: December 18, 1975
Bid Price: $105,853.28
Work Started: May 17, 1976

Signal Electric Inc.
Kent, Washington
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 60 Working Days
Probable Completion Date:
December 1, 1976

Work the past period consisted of checking lighting circuits and general cleanup. Project suspended waiting on controllers from factory. Contractor employed 3 men

FF 214(8) Cont'd
for 3-8 hour shifts. Project as a whole is 78% complete with 85% of the contract time elapsed. Construction layout as a whole is 100% complete with 3 Engineers and 1 Inspector engaged.

HHS 261(15)
Racetrack Overpass
Pl. Mix Bit. Overlay and
Guard Rail Installation
0.0 Miles
Deer Lodge County
Contract Let: October 28, 1976
Bid Price: $138,895.50
Work Not Started

Jim Gilman Excavating Co.
Butte, Montana
Engineer: Unassigned
Contract Time: 30 Working Days
Probable Completion Date:
April 29, 1977

Preconstruction conference has not been held.

FF 401(3)
Intersection of Montana Ave.
and Billings, Ave. in Helena
Signalization
0.00 Miles
Lewis & Clark County
Contract Let: August 26, 1976
Bid Price: $27,859.23
Work Started: October 7, 1976

S&S Construction
Helena, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Montana Tel. 442-9762
Contract Time: 45 Working Days
Probable Completion Date:
January 1, 1977

Work the past period consisted of installing conduit, pouring signal foundations and patching trenches. Project as a whole is 21% complete with 0% of the contract time elapsed. Construction layout as a whole is 75% complete with 3 Engineers and 1 Inspector engaged.

M 1803(2)
Harrison Ave. and Amherst
St. - Butte
Signal Modification, Signing
and Channelization
0.00 Miles
Silver Bow County
Contract Let: June 29, 1976
Bid Price: $30,854.50
Work Started: October 12, 1976

Western Sign Corp.
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 45 Working Days
Probable Completion Date:
December 24, 1976

This project is complete with the exception of awaiting the arrival of controller from factory.

M 5805(1)
Signal Modification of various
Intersections in the City of Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 27, 1976
Bid Price: $25,327.50

Skinner Enterprises
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days

M 5805(1) Cont'd.
Work Not Started

Probable Completion Date:
May 6, 1977

Preconstruction Conference was held June 11, 1976.

Richard B. Dundas, P.E. Supervisor
Division Construction Section - Butte

RBD/GBH/MJJ/cu

Box 1110
Bozeman, Montana 59715

November 12, 1976

Progress Report
Division 2230

Department of Highways
Helena, Montana 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the two-week period ending November 12, 1976. The weather during this period was mostly clear with the temperatures ranging from 20 to 66 degrees.

P R E C O N S T R U C T I O N

F 9(6) Truck Escape Route — Engineer Unassigned
Virginia City - Ennis
Length - 0.530 Mile

All information requested from the field has been transmitted to Helena.

RF 20(4) US 191 Spur — Roger E. Blossom, PE, FPM
Approx. Length - 6.7 Miles — Phone: 586-5074 Bozeman

A seven man engineering crew is working on the location survey for this project.

RF 20(5) US 191 Big Sky Spur — Engineer Unassigned
Length - 3.0 Miles
Gravel Surf., Pl. Mix Surf.

There was no work on the project during the past period.

FH 42-3(2) — Roger E. Blossom, PE, FPM
Slide Near Karsts — Phone: 586-5074 Bozeman
Gallatin County

All information requested from the field has been transmitted to Helena.

F 60(15 — Roger E. Blossom, PE, FPM
Clyde Park - N & S — Phone: 586-5074 Bozeman

A final plan-in-hand inspection is scheduled for 11-23-76.

ROS 76(10) — Roger E. Blossom, PE, FPM
US 191 Gallatin Canyon Safety — Phone: 586-5074 Bozeman
Partial Survey for Future Safety Upgrade

A preliminary plan-in-hand was held on 11-9-76.

I 90-6( )315
Bozeman Pass - West
Rest Area

Engineer Unassigned

No information has been requested from the field to date.

I 90-7(17)350
Springdale - Big Timber
Length - 13.477 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested work has been completed.

I 90-7(18)364
Big Timber - Greycliff
Length - 10.814 Miles

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber

All information requested from the field has been submitted to Helena.

I 90-7(21)339
Springdale - West
Length - 9.2 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested work has been completed.

I 90-7(36)321 U-2
Bozeman Pass - East
Rest Area & Sand House

Engineer Unassigned

No information has been requested from the field to date.

I 90-7(40)332
Snow Fence
Approx. Length - 5.0 Miles

Engineer Unassigned

A preliminary field review was held on 10-6-76 and the information requested in the report will be obtained this winter.

RF 171(16)
Norris Hill
Length - 9.0 Miles

Engineer Unassigned

The location survey authorized 9-3-76 has not been started.

U 203( ) Signals
Intersections Main & Third - Bozeman

Engineer Unassigned

No information requested from the field to date.

F 244(15)
Raynolds Pass - Ennis
Length - 11.0 Miles

Martin J. Kolence, FPM
Phone: 587-4186 Bozeman

All requested information has been transmitted to Helena.

S 276(1)
Big Timber - North & East
Approx. Length - 9.0 Miles
Survey Started: 5-28-74

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Estimated Date of Completion: 5-1-77

There was no work on this location survey during the past period; it remains approximately 39% complete.

HHS 370(26)
Bridger Canyon
Approx. Length - 1.8 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All data requested has been transmitted to Helena.

RS 463(1)
Springdale - Hunters Hot Springs
Approx. Length - 2.2 Miles
Preliminary Survey

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Date of Completion: 5-30-77

The requested preliminary survey has not been started.

M 1201(1)
North 19th - Bozeman
Approx. Length - 0.4 Mile
Survey Started: 1-15-75

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested to date has been transmitted to Helena.

M 1202(1)
Oak St. - Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

Robert S. Ricketts, FPM
Phone: 586-9562 Bozeman

All information requested to date has been transmitted to Helena.

M 1212(1)
Kagy Lane - Bozeman
Approx. Length - 1.1 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Date of Completion: 11-30-76

All field work for this location survey has been completed. At the present time three men are working on the hard shell, editing notes, plotting the profile and hydraulic situation surveys, and writing up drainage recommendations. The hard shell is approximately 70% complete and the location survey as a whole is now approximately 95% complete.

ROS 4144(52)
Manhattan - Bridge End Protection
(Statewide)

Engineer Unassigned

The information requested by the Preconstruction Bureau on 10-7-76 was transmitted to Helena on 11-5-76. This completes all work requested to date.

SRS 4148(52)
BN, Inc. Signals - Off-System
Oregon St. - Belgrade
Northwest of Springdale

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested information has been submitted to Helena.

S 28 (14)
McLeod-Big Timber
Structures and Approaches
Length - 0.905 Mile
Contract Amount: $531,339.07
Contract Awarded: 5-21-75
Proceed Order Date: 6-11-75
Work Started: 6-27-75

Cop Construction Company
Billings, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 180 Working Days
Probable Completion DAte: 11-12-76

All work on the structure and actual roadway was completed on November 9, 1976. At the time of this writing, clean up and reclamation of one gravel pit near McLeod is still unfinished. The contractor overran the contract time by 8 working days. Four men are working currently on the final estimate and supporting data which is 45% complete with an estimated date of submittal to the Division Office of 12-30-76.

I 90-6 (30) 309, I 90-6(36)315 U-2,
I 90-7(38) 318
Rocky Canyon Safety, Bozeman Pass - West and Bozeman Pass - East (West Section)
Grade, Agg. Surf, Pl. Mix Base Struct.
Length: 7.0 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,689.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc
Wenatchee, Washington
Richard W. Saltzman, FPM
Phone: 586-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date: 1978

The contractor shut down all operations for the remainder of the winter on October 25. A fourteen man engineering crew is currently assigned to this project which is 18% complete with 25% of the contract time elapsed. The contractor has 213 working days of contract time remaining.

I 90-6 (36) 315 U-1
Bozeman Pass - West
Dual 128.0' Prestressed Concrete Girder Overpass & Approaches
Length - 0.584 Mile
Contract Awarded: 6-30-75
Contract Amount: $770,510.35
Proceed Order Date: 7-22-75
Work Started: 7-16-75

McEachern Construction Company
Butte, Montana
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 180 Working Days
Completion Date: 10-22-76

The final inspection for this project was held on 10-28-76. One man is currently working on the final estimate and supporting data which is approximately 35% complete with an estimated submittal date to the Division Office of 12-31-76.

I 90-7 (36) 321 U-1
Bozeman Pass - East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf, Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel and Conc. Overpass
Dual 78.0' Steel and Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, Montana
Larry O. Williams, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Probable Completion Date: 7-1-77

Progress has been fair with the contractor employing between 35 and 45 men and working 12 nine-hour shifts. Reclamation of the Miles Borrow area was completed the past week and the contractor is now finishing placing top soil on the east bound lane between Sta. 365 and 440. Some 33,000 cubic yards of top soil was placed during the past period. The placement of the 3" base course on the west bound lane has been completed and the contractor is currently placing 3" base course on the east bound lane. Twenty-four thousand cubic yards of 3" base course material was placed bringing this item to 57% complete. The seeding sub-contractor is back on the project and is seeding the finished area at the Hopper Interchange. A fourteen man engineering crew is assigned to this project which is 75% complete with 57% of the contract time elapsed. The contractor has 117 working days of contract time remaining.

HHS 127 (12)
Big Timber - Columbus
Pl. Mix Seal Skid Corr. & Guardrail (Safety)
Contract Awarded: 5-17-76
Contract Amount: $120,557.65
Proceed Order Date: 7-7-76
Work Started: 6-26-76

Bozeman Sand & Gravel, Inc
Bozeman, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 45 Working Days
Completion Date: 10-25-76

The final estimate and supporting data was turned into the Division Office on 11-3-76. Division Office checking of this final estimate has not been started to date.

M 1206 (2) U-2
Traffic Control Devices
Babcock & Mendenhall - Bozeman
Contract Awarded: 5-3-76
Contract Amount: $64,638.00
Proceed Order Date: 5-24-76
Work Started: 5-24-76

Midland Electric
Billings, Montana
Robert S. Ricketts, FPM
Phone: 586-9562 Bozeman
Contract Time: 45 Working Days
Completion Date: 9-10-76

Two men have been working on the final estimate and supporting data. This work is approximately 99% complete with an estimated date of submittal to the Division Office of 11-15-76.

Respectfully submitted,

Edward J. Ryan for RCH
Richard C. Holmes, PE, Supervisor
Division Construction Section

RCH:EJR:11m
cc: Gary A. Gilmore, PE, Division Traffic Engineer
Bozeman Division Office

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
November 12, 1976

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report covering work accomplished in Division 3130 during the period October 30, 1976 thru November 12, 1976.

GENERAL

Weather has been clear to overcast with temperatures ranging from 25^{0} to 55^{0}, with little to no delay in progress.

PRE-CONSTRUCTION

RF 25 (2) - Gt. Falls Airport Access Rd.
Length: 0.7 miles - Cascade Co.
Design Started: June 2, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: June 31, 1977

No work during this reporting period. Design is 46% complete.

F 64 (15) - Great Falls East
Location Survey
Length: 9.537 miles
Design Started: Sept. 7, 1976

R. Fransen - Designer II
Great Falls - Phone #452-2361
Comp. Date: July 31, 1977

Two men worked 7 days Plotting Ground Line and Writing Planning Report.
Design remains 6% complete.

RS 77 (7) - Cascade - Ulm Loop
Location Survey
Length: 26.5 miles
Survey Started: January 12, 1976

F. Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: March 15, 1977

34 man days used during this period taking Cross Sections. The survey is 26.6% complete with 721 man-days used to date.

S 134 (1) - Farmington - Agawam
Length: 12.3 miles - Teton Co.
Design Started: June 21, 1971

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 31, 1977

Two men worked 11 days Preparing Final Design, which remains 69% complete.

M 5201 (1) Part I 100%
M 5201 (1) Part II - 6th St., Great Falls
Length: 0.9 miles - Cascade Co.
Design Started: Sept. 26, 1972

Wenzel & Co. - Consultants
Great Falls - Phone #453-5478
Prob. Comp. Date: March 31, 1977

Route Location Study Report No action has been taken since the Location Public Hearing, July 21, 1975. The Commission has stopped further study until completion of the update of the Great Falls Transportation Study.

Part II (Station 40+65 to Station 68+00 Submitted final Utility Plans and mylars on October 6, 1976. Proceeding on revisions to signing plans for final review submittal. Proceeding on revisions to the construction plans for final review submittal.

RS 348 (18) - 5 miles South of Fort Benton South
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson, Mgr. - F.P.U.
Great Falls - Phone #453-2573

Chouteau County Commissioners have removed this project from priority. Further work is in a hold pattern.

RS 464 (1) - Teton River Bridge
Location Survey
Length: 1.1 mile
Survey Started: October 4, 1976

F. Robinson, Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: Nov. 30, 1976

Seven man-days were used Cross Sectioning. The survey is 47% complete with 87 man-days used to date.

CONSTRUCTION

I 15-3(28) 168 & I 15-4(48) 182
Traffic Control Devices & Guard Rail Revisions
Jefferson & Lewis & Clark County
Contract Awarded: June 30, 1976
FHWA Concurrence: July 1, 1976
Contract Amount: $1,048,319.90

Apex Construction Inc., Contractor
Spokane, Washington
Walt Smith, (Acting) Mgr.
Craig Office - Phone #235-4364
Great Falls - Phone #453-2573
Comp. Time: 150 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been fair, with all contractors working 1-8 hour shifts daily, with a average workforce of 24 men. Apex: removing, resetting guardrail and revising bridgerail. Sign crew: placing concrete sign foundations and concrete guardrail foundations. Bozeman Sand & Gravel: placing gravel in truck inspection area and preparing for shoulder widening in guardrail work areas. No paving being done due to equipment breakdown. Items and percent complete are: Remove guardrail, 55%; Uncl. Exc., 77%; Pl. Mix. Bit. Surf. Gr.C, 31%; all Pipe 100% and guardrail posts, 66%. Project as a whole is 34% complete with 52% of the contract time elapsed. Construction layout is 87% complete with a 5 man engineering crew engaged in layout, testing, inspection and notes. Intermittent single lane closures Helena Hill to Sieben Interchange and at Interchange structures Helena to the Missouri River Bridge 2 miles north of Craig.

I 15-5(50) 239 U-3
Cascade No. & So.
3 Structures & Approaches on add 2 Lane
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $741,639.13
Work Started: August 19, 1976

Cop Construction Company
P. O. Box 1938
Billings, Montana 59103
K. Minehan, Mgr. - F.P.U.
D. Moore, Mgr. - F.P.U.
Comp. Time: 150 Working Days
Prob. Comp. Date: July 30, 1977

Structures - Progress has been fair with 2-5 men employed working 1-8 hour shifts daily, pre-boring, driving test piles, tieing re-steel. Structure at 1842: Bents 2 & 3 are in place. Bent 4 has been staked for pre-boring. Structure at 2095: Bents 2 & 3 are in place. The test piles for Bents 1 & 4 have been driven. Pre-bore has been completed for this location. Structure at 301: Bents 2, 3 and 4 are excavated and test piles driven. The service pile has arrived and being driving this week. The project as a whole is 12% complete. Construction layout is 50% complete with a 2 man engineering crew engaged in layout,inspection, testing and notes.
Approaches - Progress has been fair. Sub-contractor Kraus Construction Company moved approximately 24,600 cu.yds. of Uncl. Exc. from cut area Sta. 1828+, placing material between Sta. 1839+50 and Sta. 1842+25.9 and between Sta. 1843+25.9 and Sta. 1846+50. Completed the two Bridge Fills at these two Stations November 8, 1976. Contractor moved dirt moving equipment back to the County Road Crossing Sta. 300+80.5 November 9, 1976. Sub-contractor also installed 145 lin. ft. of 24 In. RCP Culvert at Sta. 1841+98 including 1 new median inlet 24 In. Type 1. Items and percent complete are: Uncl. Exc., 41%; Haul, 36%; Exc. - Culvert, 100% and 24 In. RCP Class 2, 93%. The project as a whole is 35% complete with 39% of the contract time elapsed. Construction layout is 100% complete with a 5 man engineering crew engaged in bluetopping, testing, inspection and notes. Contractor's hauling equipment crossing Interstate at Staion 300+80.5 during the hours of 8:00 A.M. and 4:300 P.M. with flagmen being used to control traffic.

BRF - TQX 218 (18)
Repair Fire Damage (10-14-75) on
S.B. Bridge - Sun River - Gt. Falls
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $329,654.68
Work Started: August 20, 1976

Frontier Construction Company
P. O. Box 1242
Missoula, Montana 59801
T. Tomich, Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 130 Working Days
Prob. Comp. Date: Jan. 31, 1977

Progress has been fair. Contractor is forming deck, placing concrete into diaphs., tying resteel and cleaning smoke. Items and percent complete are: Detour & Maint., 85%; Work Bridge, 85%; Repair Street, 78%; Concrete, 5%; Reinf. Steel, 25%; Bridge Rail, 10% and Structural Steel, 20%. The project as a whole is 71% complete with 45% of the contract time elapsed. Construction layout is 60% complete with a 2 man engineering crew engaged in layout, inspection, testing and notes. September 7, 1976 a one mile detour opened from Station 577+ to 604+, good condition.

I 15-6(15) 297 U-1 - Dutton No. & So.
5.494 miles, Grade, Aggr. Surf., Plant Mix
Signing and Fencing
Teton County
Contract Awarded: March 26, 1974
Amount of Contract: $2,743,068.92
Work Started: June 19, 1974

Schultz & Meyer Construction Co.
Billings, Montana 59101
T. Hammerbacker, Mgr. - F.P.U.
Dutton - Phone #476-3472
Comp. Time: 360 Calendar Days
Work Completed: Nov. 5, 1976

Progress has been good. Contractor worked 3 men 15-8 hour shifts and completed all remaining work on the project as of Nov. 5, 1976. Items completed during this period: All Fencing, Monuments and Markers. The project as a whole is 100% complete with 92% of the contract time elapsed. Constuction layout is 100% complete with a 1 man engineering crew engaged in inspection, notes and work on Final Estimate which is 60% complete and will be submitted to Division Office on or about Dec. 5, 1976.

I 15-6(20) 304 - Teton River - N. & S.(S.Sect.)
4.3 miles Grading, Surfacing & Structures
Teton County
Contract Awarded: March 2, 1976
Contract Amount: $4,028,676.22
Work Started: April 1, 1976

Hilde & Maronich Const. Co.(Jv) Contr.
East Helena, Montana
H. Strong & S. Newton, Mgr. - F.P.U.(Road
K. Minehan, Mgr. F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 275 Working Days
Prob. Comp. Date: July 30, 1977

Roadway - Progress has been good. Contractor is finishing to sub-grade bluetops, placing topsoil and cleanup work. The project as a whole is 50% complete with 37% of the contract time elapsed. Construction layout is 83% complete with a 5 man engineering crew engaged in bluetopping, testing and notes. P.T.W. in good condition, no detours.
Structures - Progress has been good. Contractor had 10 to 19 men working 1-8 hour shifts daily. Teton River Structures - Contractor poured S.B. deck, N.B. curbs, and formed and poured S.B. curbs, also stripping the N.B. deck. Separation Sta. 788 - Contractor started forming deck and backwalls. He plans to pour Bent #5 backwall Nov. 10, 1976, and Bent #1 backwall next week. The project as a whole is 82% complete. Construction layout is 95% complete with a 3 man engineering crew engaged in layout, testing, inspection and notes.

I 15-6(16) 308 - Teton River - N.&S.(N.Sect.)
2.8 miles, Gr.; Aggr. Surf.; Pl. Mix Bit.
Base; Pl. Mix Bit. Surf.; Signing;
Prestressed Conc. Grider Gr. Separation
Teton County
Contract Awarded: July 28, 1975
Contract Amount: $2,070,763.97
Work Started: September 9, 1975

Hilde & Maronick Const. Co., (Jv) Contr.
East Helena, Montana
H. Strong & S. Newton, Mgr. - F.P.U.(Road)
K. Minehan, Mgr. F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 180 Working Days
Prob. Comp. Date: May 30, 1977

Progress has been good. Roadway - Contractor placing from Stockpile, 3/4" C.T.S. Resumed seeding operations October 30, 1976 and completed November 3, 1976. Resumed fencing operations November 8, 1976, also producing and placing Plant Mix Bit. Surf. November 8, 1976. Contractor employed 30 men. Items and percent complete are: Seeding, 100%; 3/4" C.T.S., 90%; Plant Mix Bit. Surf., 40% and Fencing, 60%. The project as a whole is 84% complete with 82% of the contract time elapsed. Construction layout is 86% complete with a 4 man engineering crew engaged in layout, testing, inspection and notes. Traffic using F-2 and F-3 Frontage Road the length of Project as per plans. Detour is in good condition.
Structures - Progress has been good. Contractor had 3 to 10 men working 1-8 hour shifts daily stripping deck forms and finishing concrete also set and painted the bridge rail. Plans to be ready for final inspection the first part of next week. The project as a whole is 99% complete, with a 3 man engineering crew engaged in layout,testing, inspection and notes.

I 15-6(14) 311 & I 15-7(11) 312
Pershing South and Brady - N. & S.
11.5 miles Gr., Agg. Surf., Pl. Mix Bit.
Base, Pl. Mix. Bit. Surf., Lengthen 2
Add two Lane - Teton & Pondera Co.
Contract Awarded: June 5, 1975
Contract Amount: $3,754,385.95
Work Started: July 16, 1975

Hilde & Maronick Const. Co.(Jv), Contr.
East Helena, Montana
S. Newton & H. Strong, Mgr. - F.P.U.(ROAD)
K. Minehan, Mgr. - F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 240 Working Days
Prob. Comp. Date: May 30, 1977

Roadway - Progress has been good. Contractor had 50 men working producing and placing Plant Mix Bit Surf. Type III, resumed seeding operation October 26, 1976. Items and percent complete are: Plant Mix Bit Surf. III, 98% and Seeding, 95%. The project as a whole is 88% complete with 82% of the contract time elapsed. Construction layout is 97% complete with a 6 man engineering crew engaged in layout, testing, inspection and notes. P.T.W. in good condition and temporary transition, 2 lane to 4 lane Sta. 2295 is 700' long and in good condition.
Structures - Contractor worked 2 men 2-4 hour shifts during this reporting period on remaining cleanup and touchup painting. This project is now 100% complete except for repairing damaged rail from an accident which happened 9-24-76.

Department of Highways

November 12, 1976

I 15-7(18) 330
E. Frtg. Rd. - Valier Jct. N. & S.
Pondera County
13.84 miles: Grading, Agg. Surf.,
Pl. Mix. Bit. Base, Seal and Cover
Contract Awarded: Nov. 3, 1976
Contract Amount: $1,219,920.50

McIntyre Const. Co. & S. Birch Inc. (Jv)
Great Falls, Montana
Tom Hammerbacker, Mngr.
Conrad - Phone #278-5412
Comp. Time: 140 Working Days

Five man engineering crew engaged in Construction Staking, which is 5% complete.

RS - 434 (3)
Conrad - West
Pondera County
2.3 miles of Grading, Graveling & Surfacing
Contract Awarded: June 30, 1976
Contract Amount: $877,194.60

Hilde Construction, Inc., Contr.
Great Falls, Montana
Glen Enderson, Mgr. F.P.U.
Phone #278-5412
P. O. Box 1301
Conrad, Montana
Comp. Time: 110 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been good. Prime contractor hauling and placing 3/4" Cr.Top.Surf. Sta. 3+80 to 34+55 and 93+00 to 100+00. Installed 81" by 200' C.S.P. Arch Irr. pipe 96+38. Produced and placed 2" Sel. Surf. Sta. 93+50 to 99+00. Removed existing Structure Lt. 96+48. Sub-contractor Sletten Construction began forming Hd. Walls Lt. & Rt. 96+36 on 11/3/76. Sub-contractor Bob Clark completed seeding project on 11/5/76. Sub-contractor Sandon Construction poured curbs Lt. & Rt. Sta. 3+80 to 7+90. Curb was completed 10/29/76. Plans are to begin producing and placing Plant Mix Bit. Surfacing on or about Nov. 12, 1976. Items and percent complete are: Remove Structure, 100%; Seeding, 51%; Sel. Surf. 2", 100%; Top Surf. 3/4 In., 100%; C.S.P. Arch Irr. 81 In., 100% and Curb and Gutter, 100%. The project as a whole is 76% complete with 70% of the contract time elapsed. Construction layout is 95% complete with a 4 man engineering crew engaged in layout, inspection, testing and notes. Traffic is being detoured at Virginia Street Sta. 3+80 North and West to Sunset Blvd. and rejoining the project a Sta. 46+50. Gravel Surface is in place throughout the project.

James T. Sullivan - P.E. -
Supvr. - Division Construction Section

JTS/MRB/ac

Progress Report
Division 3230

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

November 12, 1976

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending November 12, 1976.

G E N E R A L

The weather this past reporting period has been favorable for construction. The temperatures have ranged from +5° to +70°.

P R E C O N S T R U C T I O N

RS 12 (20), Turner-Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, E.O. I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 10% complete with 20 man days used to date.

RS-133 (2) Havre-North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, E.O. I
Havre, Montana
Telephone No. 265-6821

No work on this project the past reporting period. Design as a whole is 40% complete.

RS 357 (12) Valier-East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022

There has been no work on the survey during this reporting period. Centerline and bench levels are 100% complete, topography is 90% complete, check levels and cross-sections are 17% complete. The location as a whole is 34% complete. The location was suspended on March 29, 1976 due to working on other projects.

RS-12 (19) Harlem-Turner
Canadian Line
6.8 miles, Blaine County
Grade, gravel surf., and
pl. mix bit. base
Contract Let: 6/10/76
Contract Amount: $811,910.99
Work Started: 7/23/76

Gus M. Albert
Miles City, Montana
George Nelson, Fld. Proj. Mgr.
Harlem, Montana
Telephone No. 353-2341
Contract Time: 140 working days
Probable Completion Date: 6/10/77

Progress has been good. The subcontractor, Rehbein Construction Co. employed one to two men on four 8 hour shifts on cleanup of grading operations. Unclassified excavation items are 100% complete, and drainage items are 100% complete. The prime contractor, Gus M. Albert, Contractor, employed 13 to 16 men on gravel operations. Produced and hauled 2175 tons of 1½" Cr. Base for filling to bluetops for a total produced to date of 62,037 tons, for 100% complete. Began producing and stockpiling ½" Cov. Matl. on 11/8/76. Plant mix operations began on 11/3/76 with 23-24 men employed on 9 hour shifts. Lift 1 of 2 placed from Sta. 1283+90.2 to 1585+. 9,482 tons produced for a total to date of 9,482 tons 1" P.M.B.B. for 42% complete. Kimmel & Reed Contractors employed 1 to 8 men on 8 hour shifts, erecting fence and on seeding operations. Fencing items are approximately 90% complete and seeding is approximately 90% complete. Ten engineering personnel are employed on the project. The project as a whole is 66% complete with 64% of the contract time elapsed.

U-95 (17) Gildford-Havre-East
U.S. 2- Havre-Hill County
1.3 mi. grade, gravel, pl. mix surf.,
and stm. sewer
Contract Let: 3/1/76
Contract Amount: $1,434,327.33
Work Started: 4/5/76

Baltrusch Construction Co., and
Affiliates, Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 7/1/77

Progress has been fair. The prime contractor worked nine 8 hr. shifts with up to 33 men employed. The major work this reporting period has been the placing of concrete at curb radii sites and sidewalk areas. The curbs are 81% complete and the sidewalks are 61% complete. Fifteen of seventeen street approaches under construction this season are now covered with lift 1 of 2 Type 3 plant mix. Plant mix operations are 40% complete to date. A subcontractor, Rainbow Electric Co., constructed and completed 10 of 13 traffic light foundations along with related conduit items at the three traffic lighting sites. Traffic signal installations are 10% complete. The project as a whole is 58% complete with 82% of the contract time elapsed. A seven man engineering crew is assigned to inspection and construction layout.

RF 132 (13), Joplin-West
6.154 miles grade, gravel surf.,
and pl. mix surf.
Contract Let: 5/15/75
Contract Amount: $1,758,756.12
Work Started: 9/24/75

Meyer Construction Company
Billings, Montana
Hugh Klepzig, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Completion Date: 10/15/76

No construction work this period on this project. The project is 100% complete with 99% of the contract time elapsed. A 3 man engineering crew worked in office five days on notes for final.

RP-62 (14), & RP-132 (14)
Shelby-Chester, Chester-West
5.36 mile grade, aggr. surf.
Surf. storm sewer, signing & lighting
Contract Let: 12/18.75
Contract Amount: $1,849,676.03
Work Started: 3/26/76

Baltrusch Construction Co., &
Affiliates, Havre, Montana
Al Ullrich, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 200 working days
Probable Completion Date: 7/1/77

Progress has been good. The contractors worked eleven 9 hour shifts with up to 20 men employed. Unclassified excavation and related items are complete except for final cleanup and finishing. Drainage items and gravel surfacing are 100% complete. Curb and gutter is 97% complete and sidewalk is 30% complete. Bridge widening was completed 10/30/76. Plant mix base surfacing was completed 11/9/76. The project as a whole is 75% complete with 66% of the contract time elapsed. A five to ten man engineering crew is working on inspection and layout.

I-IG 15-8 (25) 379
Sunburst-Canadian Line
Sweetgrass South-Sunburst South
Gr., agg. surf., pl. mix
Bit. base, pl. mix bit.
Surf. structures, safety
Correction & pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/29/76

Hilde Construction Co., Inc. &
Maronick Construction Co.,Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 215 working days
Probable Completion Date: 9/30/77

STRUCTURES:
Progress has been good. The subcontractor, Sletten Construction Co., worked ten 8 hour shifts with 6 men employed. All intermediate bents are poured at Sta. 1419 and Sta. 1439. Started preboring for test piles for Bent 1 at Sta. 1439. No work has been done on structure at Sta. 1644 McVey Interchange. Subcontract on structures as a whole is 20% complete. A two to three man engineering crew is engaged in inspection on this and other projects.
ROADWAY:
Contractor, Hilde Construction, worked twenty 9 hour shifts, employing 55 men. Placed 160,770 C.Y. emb. between station 1401+50 to 1437+, for a total of 267,526 cu. yds. making emb. and related items 17% complete. Relayed 171.5 lin. ft. culvert for a total of 433 lin. ft. relayed. Installed new 24"x665.5 CSP, for a total of 738 lin. ft. Installed new 36"x280 lin. ft. csp. Installed 2 - type 2 and 2- type 3 inlet covers, making drainage items 50% complete. Fencing items as a whole remain 61% complete. The contract as a whole is 12.5% complete with 42% of the contract time used. A five to eight man engineering crew worked 10 days, inspecting contractor's operations, staking culverts, and cross sectioned borrow area No. 2. Construction layout as a whole is 88% complete.
UTILITY REVISIONS:
Marias River Electric did not work this reporting period. Change over and remove poles from 1690+ to 1714+ remain to be completed. Their revisions remain approximately 95% complete.
Northern Telephone Co-op completed their revisions Oct. 18, 1976.
Burlington Northern RR completed installation of their revisions July 29, 1976. These revisions will be removed after construction is completed.

I-15-8 (28) 343 Unit 1
Toole County Line-North
8.33 miles grade, aggr. surf.,
pl. mix base, weigh station
and structures
Contract Let: 2/28/75
Contract Amount: $2,890,398.06
Work Started: 5/1/75

Hilde Construction Co., Inc. and
Maronick Construction Co.,Inc. (JV)
Great Falls, Montana 59403
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 250 working days
Probable Completion Date: 11/30/76

Progress has been fair. The contractors worked one 9 hour shift per day with up to 18 men employed. The prime contractor is finishing the roadway to bluetops and placing topsoil between Station 316+00 and 375+00. Subcontractor, Utility Builders, placed ditch liner right of Station 205+00 to 250+00, left of Station 207+50 to 218+00 and left and right of X-road at Station 540+00. Subcontractor, Western Sign, installed 1450 lin. ft. of guard rail on the right frontage road between Station 284+00 and 308+00. Completed on November 4, 1976. Subcontractor, Bob Clark & Son, arrived on November 8th and started seeding and straw tucking between Station 124+97 and 143+00. A ten man engineering crew is engaged in inspecting and bluetopping.
STRUCTURES:
The subcontractor, McIntyre Construction Co., and S. Birch, Inc., worked ten 8 hour shifts with eleven men employed. All items on the subcontract are complete including slope protection. Remaining work includes some finish work on the diaphrams and overhang, and area cleanup. The structure as a whole is 100% complete. A two to three man engineering crew is engaged in project inspection on this and other projects. The project as a whole is 89% complete with 90% of contract time elapsed.

I-15-8 (28) 343 U-2
Toole County Line-North
1-Prestressed conc. girder underpass
& dual prestressed overpass
Contract Let: 4/4/75
Contract Amount: $471,462.28
Work Started: 8/18/75

Sletten Construction Company
Great Falls, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 150 working days
Completion Date: 9/2/76

There has been no work on the Final Estimate at this time. Work will be accomplished as time provides.

I-15-8 (28) 343 Unit 3
Toole County Line - North
Dual 481.5' prestressed Conc.
Girder Bridge and Emb. Approaches
Contract Let: 8/15/74
Contract Amount: $1,487,575.18
Work Started: 10/11/74

Meyer Construction Company
Billings, Montana
Glen E.Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 424-2022
Contract Time: 235 working days
Completion Date: 10/30/76

Progress has been fair. The contractor worked two 8 hour shifts with up to 7 men employed. All contract items are complete. Some minor finishing and cleanup remains to be done. The subcontractor, Bob Clark & Son Fencing Co., worked one 8 hour and one 2 hour shifts with up to 3 men employed. Seeding has been completed. The project as a whole is 100% complete with

I-15-8 (28) 343 Unit 3 (Continued)

99.2% of contract time elapsed. A two to three man engineering crew has been engaged in project inspection on this and other projects.

I-15-8 (33) 343
Toole County Line-North
8.314 mi. agg. surf.,
Pl. mix bit. surf., & signing
Contract let: 10/28/76
Contract amount: $2,176,268.12
Work not started

Empire Sand & Gravel Construction Co.
Billings, Montana 59103
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract time: 180 working days
Probable completion date: 11/15/77

No work on this project this reporting period.

ERFO 72 (12) Babb North
to Kennedy Cr.
0.2 miles, Glacier County
Structures & Approaches
Contract Amount: $610,356.49
Contract Let: 4/1/76
Work Started: 4/13/76.

Sletten Construction Co.
Great Falls, Montana
Albert Bonner, Fld. Proj. Mgr.
Babb, Montana
Contract Time: 140 working days
Probable Completion Date: 11/19/76

No work on this project this reporting period. All contract items are complete. Some dress-up work on the shoulders remains to be done. The project as a whole is 99% complete with 94% of contract time elapsed. A two person engineering crew is working on preparing the final estimate.

SMP-0899-76
Chouteau, Glacier
and Hill Counties
Crushing and Stockpile
Contract Let: 1/23/76
Contract Amount: $118,078.00
Work Started: 3/31/76

Francis Tindall
Lewistown, Montana
William J. Neely, Lab. Supr. III
Havre, Montana
Telephone No. 265-6821
Contract Time: 60 working days
Completion Date: 10/27/76

The final estimate and supporting data has been submitted to the Division Office and has been checked. A semi-final estimate has been submitted to Helena and the final estimate will be submitted as soon as the IBM estimate sheets are returned.

TOX-220 (14) Cut Bank-West
4.95 mi. Glacier County
pl. mix surf. overlay
(skid correction)
Contract Let: 7/30/76
Contract Amount: $236,519.40
Work Started: 9/14/76

Gus M. Albert
Miles City, Montana
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 40 working days
Completion date: 10/26/76.

The contractor worked three 8 hour shifts with three men employed, leveling the pit, placing topsoil and seeding. The project is now 100% complete with 87% of the contract time used.

RF-FLH 353 (15)
Two Medicine Bridge-East
5.7 mi. Glacier County
Grade, aggr. surf., pl. mix base,
pl. mix surf., fence & sign
Contract Let: 9/30/76
Contract Amount: $2,476,655.06
Work not Started

Hilde Construction Co., Inc.
Great Falls, Montana
Hugh Klepzig, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 170 working days
Probable Completion date: 11/15/77

No construction work has been started on this project. Three men moving office equipment to East Glacier. One day spent in field locating control points.

Respectfully submitted,

For Hazen D. Flickinger, P. E., Supv. Division
Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
NOVEMBER 10, 1976

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending November 9, 1976.

GENERAL

Progress throughout the Division was fair. The weather was mostly fair with temperatures ranging from +20 degrees to +60 degrees.

PRECONSTRUCTION

F-RF-245(12), SAVAGE - CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296
Est. Comp. Date - May 1, 1977

No work on this project during the past period. Fly line, centerline, bench levels and X-sections are 100% complete. Plotting plan and profile are 99% complete; irrigation and drainage items are 99% complete; and section ties are 99% complete. This survey remains 99% complete with 785 man days used to date.

RF-325(9), SIDNEY - FAIRVIEW
Length - 11.6± Miles
Reconnaissance Survey

David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296

No work done on this project during the past period. The survey as a whole is estimated to be 25% complete with 399 man days used to date.

RS-31(7), CIRCLE - NORTHWEST
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Lehgth - 10.524 Miles

H. D. Kelly, Field Proj. Manager
Glendive, Montana - Phone 365-2877
Est. Comp. Date - April 30, 1977

Survey was suspended March 1, 1976, with 416.5 man days used to date. This survey is approximately 47% complete.

RS-302(24), BROCKWAY - SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on Aug. 10, 1976.

RS-347(15), ALZADA - EKALAKA
2ND SECTION - 18.4 MILES
Survey Authorized - March 4, 1970

Unassigned

Targets were set and aerial photographs taken. A four man crew began work on photogrammetric ground control October 25, 1976. Twelve man days used during the past period locating points and measuring distances. Sixteen man days used to date.

PROGRESS REPORT

PRECONSTRUCTION

S-359(6) 2ND SECT., MARSH - GLENDIVE
Length - 7.0 Miles
Survey Authorized - February 23, 1973
Design Started - March 26, 1976

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Survey Comp. Date - February 20, 1975
Est. Design Comp. Date - June 30, 1977

During the past period, 3¾ mandays were used extending cross sections and plotting topog on cross section sheets. Design is 11% complete with 35¼ mandays used to date.

RS-361(13), PRESSERVILLE - FAIRVIEW
Length - 6.0 Miles
Survey Authorized - Dec. 23, 1969
Survey Started - February 8, 1971
Survey completed - April 6, 1971

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 356-5296
Design Started - July 1, 1971
Estimated Design Comp. - Dec. 31, 1978

Design of this project remains 11% complete with 25 mandays used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON - DAWSON CO. LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY - FALLON SAFETY
Length - 13.2 Miles
Grade, Agg. Surf., Plant Mix Surf.,
Signing and Structures
Contract Awarded - March 31, 1976
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
H. D. Kelly, Fld. Proj. Mgr. -- Roadway
C. H. Neiffer, Fld. Proj. Mgr. - Structures
Glendive, Montana - Phone 365-2877
Contract Time - 260 Working Days
Probable Comp. Date - November 30, 1977

Progress this past period has been fair. Prime Contractor, Joe Mayo & Son, Inc., employed 30 men for ten 9-hour shifts excavating and placing 122,210 cu. yds. of unclassified borrow and 3850 cu. yds. of unclassified excavation making these items 89% and 40% complete respectfully, installed 103 feet of 24" CSP and 182 feet of 30" CSP Syphon making these items 41% and 39% complete. Sub-contractor Swan and Son employed 3 men for ten 8-hour shifts forming headwalls right of Sta. 1979+80 and left of Sta. 2022+32, also poured 2.0 cu. yds of Class DD concrete in floor section of headwall left of Sta. 2022+32. Structure sub-contractor Swingen Construction Co. employed 23 men for one 10-hour shift and nine 8-hour shifts driving the four remaining treated timber test piling for abutments 1 and 4 EB and WB on Structure over B.N. Railroad. Also boring holes for service pile on abutment 1 EB. First and second application of protective coating was placed on deck, steel bridge rail was erected on the Fallon Interchange. Concrete was placed for deck and left curb on the Yellowstone Grade Seperation. Also erected steel bridge rail on bridge over Buffalo Rapids Canal. Construction layout is an estimated 90% complete with 11 engineers and 4 inspectors employed this past period. Project as a whole is 47% complete with 132 working days or 51% of the contract time elapsed.

PROGRESS REPORT

CONSTRUCTION

I-94-5(15)183 UNIT 2
FALLON - DAWSON COUNTY LINE
Fabrication and Erection of Structural Steel
Contract Awarded - March 31, 1975
Amount of Contract - $3,344,000.00
Work Started - September 22, 1975

Pittsburgh Des Moines Steel Co.
1015 Tuttle St., Des Moines, Iowa
A. J. Kuntz, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 130 Working Days
Prob. Comp. Date - December 31, 1976

Progress during the past period has been good. Ten 8-hour shifts were worked with 22 employed. Tightening of bolts on the EBL structure were completed. Placement of expansion devices and drainage system remain to be done on this structure. Erection of structural steel was completed on the WBL structure except for girders No. 14B2 and 20B3 plus one bay of fill in iron between Bent No. 2 and Pier No. 3. 20B3, the girder re-fabricated, has been shipped and is expected to arrive before the Thanksgiving holiday. Field girder splices were all tightened and torqued on the C and D lines of WBL. Project as a whole is 90% complete with 53 working days used or 41% of the contract time elapsed. Construction layout with one engineer and two inspectors on torque of bolts is 90% complete.

I-LSI-94-6(27)192
BAD ROUTE REST AREA
Single Rest Area & Landscaping
Contract Awarded - June 24, 1974
Amount of Contract - $187,685.20
Work Started - August 7, 1974

Rainmaker, Inc.
1831 Main, Billings, Montana 59101
H. D. Kelly, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 120 Calendar Days
Prob. Comp. Date - May 2, 1977

The project was conditionally accepted July 11, 1975, and was opened to the public on July 18, 1975. Acceptance is conditional as per Special Provision 17.44, Plant Establishment Period ending September 1, 1976. The contractor has not been present for any of the monthly inspections of the plants. All inspections have been made by the Project Manager with written reports of the findings being submitted to the contractor. The contractor has advised that none of the 35 various shrubs and trees that require replacement can be obtained this planting season. Therefore plant replacement will probably not be completed until the Spring of 1977. The project remains 99% complete with 100% of contract time elapsed. The final notes and white prints have been checked in the Division Office.

I-94-6(23)202 GLENDIVE - WEST
I-94-6(28)209, GLENDIVE - EAST & WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surfacing
Signing, Guard Rail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
Dennis C. Tenney, Fld. Proj. Mgr.-Rdwy.
Ken Quale, Fld. Proj. Mgr., Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Prob. Comp. Date - June 1, 1977

Progress this past period was fair. Prime contractor Joe Mayo & Sons, Inc. worked ten 9-hour shifts employing from 45 to 50 men. Work consisted of producing and placing 21,387 ton of 1" Type III Plant Mix for a total to date of 30,271 ton or 66% complete; producing and placing 1,019 ton of 1½" Base Course Gr. 5 for a total to date of 296,508 ton or 94% complete; producing and placing 1461 ton of 3/4" Top Surf. Gr. 3 Type B for a total to date of 15,587 ton or 73% complete. Sub-contractor F. L. Flynn & Co. worked ten 8-hour shifts with a total of 10 men employed. Work consisted of completing the painting of bridge railing; placing Class DD Concrete for irrigation headwalls, making this item of work 100% complete; placed 321 sq. yds. of Class DD concrete on bridge end slope protection for 90% complete. Clean up operations around bridge sites are in progress. The project as a whole is 86% complete with 202 working days used or 84% of the contract time elapsed. Construction layout with 12 engineers and 10 inspectors is estimated to be 93% complete.

PROGRESS REPORT CONSTRUCTION

I-94-6(29)226 UNIT I
GLENDIVE-WIBAUX CO. LINE WEST(EAST SECT.)
Length - 6.339 Miles
Grade and Structures
Contract Awarded - October 1, 1976
Amount of Contract - $1,619,125.62
Work Not Yet Started

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
David A. McCloy, Fld. Proj. Mgr.--Rdwy.
Ken Quale, Fld. Proj. Mgr. - Structures
Glendive, Montana - Phone 365-5296
Contract Time - 160 Working Days
Probable Comp. Date - Nov. 1, 1977

Work not started. Contractor advises that fencing and possibly some structure work will begin this fall if weather permits. Grading and culvert work will begin next spring. A pre-construction conference has been scheduled for November 17, 1976, at 10:00 A.M. During the past period a four to five man engineering party worked part time on this project taking X Sections for confirmation of Sectional Plate Culverts and staking WB Lane and seperation in vicinity of grade seperation structures at W.B. Sta. 1217+50. Engineering layout is estimated 10% complete with a total of 142 mandays to date.

RF-245(27), GLENDIVE - SIDNEY, SAVAGE - SOUTH
Length - 2.6 Miles
Grade, Aggr., Surf., Plant Mix
Bituminous Surf. and Signing
Contract Awarded - January 24, 1975
Amount of Contract - $538,934.96
Work Started - April 15, 1975

Earth Builders, Inc.
Box 838, Bismarck, North Dakota
David A. McCloy, Field Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 120 Working Days
Comp. Date - July 20, 1976

On July 20, 1976, the project was completed with 117 working days used. Final estimate is approximately 100% complete.

RF-246(21)
LINDSAY - NORTH & SOUTH
Length - 9.6 Miles
Grade, Aggr., Surf., Plant Mix Surf. & Drain
Contract Awarded - June 13, 1975
Amount of Contract - $1,446,967.13
Work Started - November 6, 1975

Gus M. Albert, Contractor
Box 370, Miles City, Montana 59301
David A. McCloy, Field Proj. Mgr.
Glendive, Montana-Phone 365-5296
Contract Time - 220 Working Days
Comp. Date - November 5, 1976

Progress during the past period was fair. Sub-contractor Swan and Son worked seven shifts between October 30, 1976 and November 5, 1976, on seeding operations. A total of 3 men were employed. The project was completed November 5, 1976, with 201 of 237 calendar days or 85% of the contract time elapsed. Final estimate is 20% complete with an estimated submittal date of February 1, 1977.

RF-391(16), LAMBERT - EAST & WEST
Length - 43.2 Miles
Plant Mix Bitum, Surf. & Seal Cover
Contract Awarded - May 3, 1976
Amount of Contract - $1,767,363.50
Work Started - June 7, 1976

Earth Builders, Inc.
Box 838, Bismarck, No. Dakota
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 110 Working Days
Probable Comp. Date - June 1, 1977

A 6 man guardrail crew worked two days this past period and completed installing cable guardrail. All items are now 100% complete with the exception of sealing and final pavement marking. The contractor plans to return late this fall or early winter, weather permitting, and crush and stockpile cover material. The project as a whole is 75% complete with 63 days or 57% of the contract time elapsed. Engineering crew is engaged on another project.

RS-128(12), WIBAUX COUNTY LINE - NORTH
Length - 5.722 Miles
Grade, Aggr. Surf., Pl. Mix Base and Drain
Contract Awarded - May 17, 1976
Amount of Contract - $1,089,598.12
Work Started - August 2, 1976

Neshem-Peterson, Inc.
Box 68, Berthold, No. Dakota 58718
James Baldwin, Field Proj. Mgr.
Culbertson, Montana
Contract Time - 160 Working Days
Probable Comp. Date - June 30, 1977

Progress this past period has been good. Seventeen men on grading and culvert crews worked 9-hour shifts 5 days per week in miles 4 and 5. 284,000 cu. yds. of Unclassified Excavation moved to date for 65% complete; 1956 linear feet of culverts installed to date for 53% complete; no work on fence and it remains at 95% complete. The roadway portion of the project is 35% complete. Eight man bridge crew worked 8 hour shifts 5 days per week and completed placement of all beams and has been forming for deck, diaphragms and end walls. Thirty-Eight cubic yards of concrete placed to date for 25% complete; 12 fifty foot beams set to date for 100% complete and 3,835 lbs. of reinforcing steel installed for 15% complete. Plans are to place concrete for deck, diaphragms and end walls the week of November 15. The bridge portion of the project is 54% complete. The project as a whole is 35% complete with 94 days or 58% of the contract time elapsed. The construction layout with a 6 man engineering and inspection crew engaged is 100% complete.

RS-128(14), 9 MI. NORTH OF WIBAUX - NORTH
Length - 4.5 Miles
Grade, Agg., Surf. Drain
Contract Awarded - May 21, 1975
Amount of Contract - $502,201.62
Work Started - July 3, 1975

Neshem-Peterson, Inc.
Box 68, Berthold, No. Dakota 58718
Dennis C. Tenney, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Comp. Date - September 23, 1976

This project was completed on September 23, 1976, with 184 calendar days or 121% of the contract time elapsed. Original staking notes and remeasure notes submitted to Helena for computations on October 28, 1976. Final estimate is an estimated 25% complete with one man engaged part time.

RS-302(23) TERRY - BROCKWAY
Length - 5.467 Miles
Grade, Aggr. Surf., Plant Mix Bitum. Base
Seal and Cover and Signing
Contract Awarded - March 31, 1976
Amount of Contract - $1, 085,633.08
Work Started - May 24, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
B. F. Kelly, Field Proj. Manager
Glendive, Montana - Phone 365-5926
Contract Time - 180 Working Days
Prob. Comp. Date - June 1, 1977

Progress this past period has been fair. Contractor Joe Mayo & Son, Inc. worked ten 9-hour shifts employing 21 men. Work consisted of hauling and placing 60,000 cu. yds. of Unclassified Exc. or 150,000 cu. yds. of Uncl. Exc. to date making this item 41% complete; removing 146 cu. yds. of culvert exc. or 2120 cu. yds. to date for 58% complete; installing 114 lin. ft. of 24" CSP Bit. culvert or 52% complete. Sub-contractor Jim Swan and Sons worked three 8-hour shifts employing 6 men working on the remaining change order No. 1 fencing items and installing fencing items to 84" stockpass at Sta. 864+00 and to 30' cattleguard at Sta. 900+68.2 making the fencing items 97% complete. The project as a whole is 26% complete with 133 working days used or 73% of the contract time elapsed. Construction layout with one engineer and 4 inspectors employed is estimated to be 80% complete.

PROGRESS REPORT

CONSTRUCTION

RS-347(17), ALZADA - EKALAKA
Length - 4.3 Miles
Grade, Aggr. Surf., Pl. Mix Base and Signing
Contract Awarded - November 24, 1975
Amount of Contract - $860,118.32
Work Started - March 25, 1976

Joe Mayo and Son, Inc.
Box 310, Cavalier, No. Dakota 58220
B. F. Kelly, Field Project Manager
Ekalaka, Montana - Phone 775-5582
Contract Time - 130 Working Days
Comp. Date - October 29, 1976

Progress this past period has been fair. Sub-contractor Jim Swan and Son, Inc. worked two 8-hour shifts employing 2 men seeding and fertilizing 14.47 acres of roadway and P.T.W. area using 167.8 pounds of seed and 800 pounds of fertilizer making these items 100% complete. This project was completed on October 29, 1976 using 92 working days or 70% of the contract time. Final quantities is estimated to be 35% complete. Estimated submittal date is January 4, 1977.

Respectfully,

Bruce Russell

Bruce Russell, Supervisor
Division Construction Section

BR/sb

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
November 12, 1976

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending November 12, 1976.

GENERAL

The weather has varied from cool to warm with no measureable amounts of precipitation this past perioed. Progress on road construction has been fair. Progress on off system roads and signing projects are poor to good with some completion. The temperatures ranged from a low of 1 to a high of 48 degrees.

PRECONSTRUCTION

F 193 (22), Plentywood-South
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-25-75
Survey Suspended--04-26-76

James E. Baldwin, Field Proj. Mgr.
Culbertson, Montana
Est. Compl. Date--03-31-77

No work on project the past period. Centerline and bench levels remain at 60% complete, section ties at 15%. Field work on project suspended until the end of the current construction season. Estimated date of completion is March 31, 1977. The location survey as a whole is 22% complete with 235 man days used to date.

RS 239 (5), Nashua-North
Approximately 8 Miles in Length
Authorized--10-08-74
Location Survey Started--01-07-75

Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Est. Compl. Date--12-15-76

Centerline, bench levels, topography and section ties are 100% complete. Cross sectioning is 50% complete. Survey is 65% complete or the mile equivalent of 5.2 miles. A total of 223 man days have been used to date on location survey. Eight man days were used this period. Milar detail map is 75% complete.

RS 257 (5), Tampico-Glasgow
Approximately 8 Miles in Length
Authorized--12-01-71
Location Survey Started--05-20-74
Survey Suspended--06-21-74
Survey Resumed--01-30-75
Survey Suspended--04-22-75
Survey Resumed--01-12-76
Design Started--03-22-76

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Act. Compl. Date--04-02-76(Location)
Est. Compl. Date--12-01-76(PIH)

RS 257 (5), Tampico-Glasgow (Continued)

No work accomplished on this project this past period. Centerline, bench levels, topography and cross sectioning are 100% complete. The tying of section corners is 100% complete. Additional section ties were requested by Division Office personnel. The location survey is 100% complete. Milar detail map is 90% complete. A total of 404 man days have been used to date on location. Two man days were used on design this period. A total of 102 man days have been used to date on design which is 30% complete. Public hearing was held October 19, 1976, in Glasgow.

RF 266 (11), Macon-North
Approximately 10 Miles in Length
Authorized--11-04-76
Location Survey Started--

Unassigned
Est. Compl. Date--

Survey will be started when crew is available.

RF 266 (14), Scobey-South
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--

Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Est. Compl. Date--

Public hearing held on October 7, 1975. Preliminary alignment has been established on auto screen map. Property owners have been contacted for written authorization to survey.

F 273 (16), Missouri River Bridge-South of Culbertson
Approximately 0.2 Miles in Length
Authorized--05-13-76
Location Survey Started--

James E. Baldwin, Field Proj. Mgr.
Culbertson, Montana
Est. Compl. Date--05-15-76

Authorization to make a complete bridge site survey was issued May 13, 1976. Work will be accomplished as soon as a crew is available.

CONSTRUCTION

RS 15 (17) & RS 202 (6), Poplar-North and Brockton-North
Contract Let--05-13-76
Contract Awarded--05-17-76
Proceed Order Date--06-07-76
Work Started--08-11-76
Bid Price--$342,345.22

Earth Builders, Inc.
Bismarck, North Dakota
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--60
Prob. Compl. Date--06-15-77

There was no progress the past period. The only work remaining on contract items is seal, cover and traffic striping. Project is 85% complete with 95% of the project time elapsed. One engineering personnel working periodically checking field notes for supporting data.

RS 98 (7), Wolf Point-North & East Loop (West Section)
13.5 Miles in Length
PLANT MIX BITUMINOUS OVERLAY & SEAL & COVER
Contract Let--06-12-75
Contract Awarded--06-13-75
Work Started--07-10-75
Proceed Order Date--07-17-75
Bid Price--$412,133.50

Gus M. Albert, Contractor
Miles City, Montana
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--100
Act. Compl. Date--10-29-76
(71 Working Days)

Project is 100% complete. Seeding gravel pit area was accomplished this period. One engineering personnel working periodically on the final.

RF 153 (12), U-1 Dodson-North
0.3 Miles in Length
GR.AGG.SURF.,ROAD MIX SURF., & STRUCTURE
Contract Let--08-12-75
Contract Awarded--08-28-75
Proceed Order Date--09-18-75
Work Started--10-31-75
Bid Price--$396,059.08

Baltrusch Const., Inc., & Affiliates
Havre, Montana
George L. Nelson, Field Proj. Mgr.
Malta, Montana
654-1391
Working Days--120
Prob. Compl. Date--06-01-77

No work on project this past period. The project is approximately 86% complete. Project was suspended 08-03-76 waiting for the road mix surfacing to cure. 84% of the contract time working days have been used. All personnel are assigned to other projects.

RF 240 (13), Lighting on US 2 East-Wolf Point
0.53 Miles in Length
Contract Let--06-10-76
Contract Awarded--06-15-76
Proceed Order Date--07-06-76 (See S.P. 1B)
Work Started--09-24-76
Bid Price--$36,969.00

Midland Electric Co., Inc.
Billings, Montana
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--45 (See Special Provision)
Prob. Compl. Date--01-15-77

All underground work has been complete and installation of concrete bases and 1" steel conduit are 100% complete. Project is 47% complete with 45% of the contract time elapsed. Fabrication of steel standards will begin next week according to supplier.

RS 337 (15), Loring-South
8.964 Miles in Length
GR.AGG.SURF.,PL.MIX BIT.BASE
Contract Let--09-26-74
Contract Awarded--09-27-74
Proceed Order Date--10-18-74
Work Started--04-16-75
Bid Price--$989,941.10

Gus M. Albert, Contractor
Miles City, Montana
George L. Nelson, Field Proj. Mgr.
Malta, Montana
654-1391
Working Days--150 + 4
Act. Compl. Date--11-02-76
(145 Working Days)

Seeding of the gravel pit was completed on 11-02-76. The project is now 100% complete. The remaining supporting data for the final will be submitted as soon as manpower is available to complete it.

SMP 4399-75, Maintenance Stockpiles
McCone,Richland,Roosevelt & Valley Counties
CRUSH & STOCKPILE
Contract Let--12-18-75
Contract Awarded--12-19-75
Proceed Order Date--01-09-76
Bid Price--$171,460.00

Francis Tindall, Contractor
Lewistown, Montana
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--95 + 2
Act. Compl. Date--11-01-76
(95 Working Days)

Project is 100% complete. One engineering personnel worked periodically on the final which was submitted to the Division Office 11-03-76 for checking and will be sent to Helena 11-12-76. This will be the last report.

Respectfully submitted,

Robert M. Hanson

for Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:BH:psb

cc: Field Project Managers
Don Williams
File

DEPARTMENT OF HIGHWAYS
Billings, Montana

November 12, 1976

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the reporting period ending November 12, 1976

GENERAL

Temperatures ranging from +40 to +60 degrees prevailed during the reporting period. A varying amount of precipitation was received throughout this area. Fair progress has been reported on the construction projects.

PRECONSTRUCTION

I 90-9 (49)510
Custer Battlefield Intch. Revision
Length 0.5 Miles
Survey Authorized 6-11-76
Work Not Started

Robert E. Ewing, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Probable Completion Date 2-1-77

Work will commence as soon as personnel are available

U 53(18) Wicks Ln.-Bench Blvd.
Length 1.0 Miles
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 11-30-77

No work was accomplished on this project during the last reporting period. Design work is 25% complete and the estimated completion date is November 30, 1977.

M 1020(1) 1st Ave. North
Billings Division to 22nd
Length 1.1 Miles
Survey Authorized 2-10-75
Work Not Started

Billings Division Office
Billings, Montana
Probable Completion Date 3-1-77

Survey will commence as soon as personnel are available.

RF 134(11) Laurel - South
Laurel to Rockvale
12.0 Miles Reconnaisance
Survey Authorized 1-16-76
Work Started 2-2-76

John T. Miner, Fld. Project Mgr.
Hysham, Montana
Probable Completion Date 3-1-77

Work was suspended on February 20 and will continue when personnel are made available.

S 45(12) Brandenberg-Garland
8.743 Miles Design Work
Design Started 5-5-75

James M. Young, Designer II
Billings, Montana
Probable Completion Date 1-31-79

No work was accomplished on this project during the last reporting period. Design work is 52% complete and the estimated completion date is January 31, 1979.

RS 129(15) Columbus - North
3.6 Miles
Survey Authorized 12-10-75
Survey Started 12-22-75

Michael Zahn, Fld. Project Mgr.
Columbus, Montana
Probable Completion Date 2-1-77

No personnel were assigned to this project during the past reporting period. The project remains 67% complete with 234 man days reported to date.

S 252(4) Rosebud South (North Section)
8.239 Miles Design Work
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 12-31-76

Three employees worked on this project during the last reporting period, checking linen plan and profile and summary sheets. All design data has been transmitted to Helena for printing of final plan in hand prints. The plan in hand inspection will be held about December 7, 1976. Design work is 50% complete and the estimated completion date is December 31, 1976.

S 260(10) Lodge Grass-St. Xavier
6.495 Miles Design Work
Design Received 9-30-74

James M. Young, Designer II
Billings, Montana
Probable Completion Date 5-20-77

No work was accomplished on this project during the past year. Design work is 50% complete and the estimated completion date is May 20, 1977.

DP 50(7) Sarpy Creek Road
Photogrammetric Control 27± Miles
Date Authorized 19-28-76
Survey Not Started

Kenneth Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 5-1-77

DP 334(26) Crow Agency - Busby
Photogrammetric Control 27.4 Miles
Date Authorized 12-3-75
Survey Started 12-22-75

Raymond Schaak, Fld. Project Mgr.
Busby, Montana
Phone No. 592-3663
Probable Completion Date 6-1-77

A four man engineering crew worked five days running levels to the vertical control points on the last 12 mile section of the survey. Vertical control work was completed on 11-9-76. This data will be submitted to the Helena Photogrammetry section on 11-12-76.

I-IG 90-8(64) 391 U1 & I 90-8(70)388 U3
Reedpoint - East
7.7 Miles-Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., & 284' Structure
Amount of Contract - $3,273,435.74
Work Started 6-26-75
Contract Awarded 6-5-75

Clark Brothers, Contractor
Victor, Montana
Don Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Columbus, Montana
Phone No. 322-5952
Contract Time: 260 Working Days
Probable Completion Date 12-15-76

Clark Brothers worked five 10 hour shifts, on grading items and cleanup work, with 6 men employed. Frank Gurney, Inc. has been installing guard rail and signs. They are working one 8 hour shift per day with six men employed. Empire Sand & Gravel worked five 8 hour shifts on pit reclamation, with two men employed. Bridge items are 100% complete. Grading items are 100% complete. Drainage items are 100% complete. Surfacing items are 100% complete. Fencing items are 100% complete. Seeding items are 100% complete. Guardrail items are 95% complete. Signing items are 53% complete. A five man engineering crew has been inspecting construction, computing quantities and checking notes. Construction layout is 100% complete. The project is 99% complete with 78% of the contract time elapsed.

I 90-9(28)509 U1 & I 90-9(34)491 &
FI 188(10) Garryowen North & South
8.1 Miles of Grading Agg.
Surf., Pl. Mix Surf., Fencing
Signing & Related Items
Contract Let 4-24-75
Amount of Contract - $4,304,984.48
Work Started 6-12-75

Wickens Brothers and Empire
Sand & Gravel Co's., Contractors
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 280 Working Days
Probable Completion Date 12-15-76

Progress this past two weeks has been good. The contractor worked 10 nine hour shifts with 34 men employed on crushing, hauling and processing gravel and plant mix materials. The work consisted of the placing of 3/4" crushed top surfacing on the east and westbound lanes, which completes these roads and on the East Frontage Road 867 to 937, for a total to date of 451,872 tons or 99% complete for the gravel operation. The mixing and placing of Type III Plant Mix Material on the eastbound 909 to 240 and on the westbound 37 to 240, for a total to date of 43,888 tons or 52% complete for the plant mix operation. On the FI 188 (10) portion of this contract items remain the same as previously reported. On the I 90-9 (34) 491 (Safety) portion the sub contractor is driving guardrail posts for 40% completion of this item. The contract as a whole is 78% complete with 80% of the contract time elapsed. A seventeen person engineering crew is engaged in running line, staking signs, gravel checking and various inspections for hot plant, gravel and related office work.

I 90-9(48)500 Crow Agency Frontage Rd.
8.3 Miles Agg. Surf., Plant Mix Base
Amount of Contract - $370,789.95
Contract Let 12-18-75
Contract Awarded 12-23-75
Work Started 8-23-76

Empire Sand & Gravel, Contractor
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 120 Working Days
Probable Completion Date 5-30-77

The project is now under seasonal shutdown due to time limitations for Seal Cost Operation. The project as a whole is 89% complete with 80% of the contract time elapsed.

I-94-1(27)23 Unit 1
Grading and Fencing on the
Pompeys Pillar-East (West Sec.)
Road in Yellowstone County
Contract Let 6-13-74
Amount of Contract - $2,257,636.45
Work Started 7-1-74

Wickens Brothers, Contractor
Suffolk, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 248-4050
Billings, Montana
Contract Time: 350 Calendar Days
Completion Date 10-7-76

The project was completed and accepted on October 7, 1976. One man worked five days checking and compiling quantities for the final estimate which will be submitted to the Division Office in about one week. The engineering layout is 99% complete.

I 94-1(27)23 Unit 2
Structure on Pompeys Pillar
East (West Section)
0.085 Miles in Yellowstone Co.
Contract Let 8-15-74
Amount of Contract - $1,219,975.98
Work Started 9-12-74

F. L. Flynn & Company, Contractor
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 230 Working Days
Completion Date 7-2-76

Work on the project has been completed. Seven man days have been charged to the project for final computations during the newsletter period. Final computations are 98% complete.

I 94-1(41)23 Pompeys Pillar-East
Agg. Surf., Plant Mix Surf.,
Gr. Rail & Signing
11.526 Miles-Yellowstone County
Contract Let 11-14-74
Amount of Contract - $2,147,544.57
Work Started 11-22-74

Hilde & Maronick Const. Company
Helena, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 248-4050
Billings, Montana
Contract Time: 200 Working Days
Completion Date 9-9-76

Division office checking is 30% complete and will be submitted to Helena about December 17, 1976.

I 94-2(17)60 U1 & I 94-2(19)56
Hysham East and West
21.6 Miles of Add 2 Lane
Gr., Agg. Surf., PMBB & PMBS
Signing and Structures
Contract Let 5-29-75
Amount of Contract - $4,998,829.68
Work Started 7-3-75

Empire Sand & Gravel Company
Wickens Brothers (JV)
Billings, Montana
John T. Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Contract Time: 300 Working Days
Probable Completion Date 7-1-77

Progress has been fair. One working day was lost to inclement weather and wet ground conditions. Wickens Brothers, contractor, worked eight days on grading, seeding, and drainage items. Fourteen men are employed by Wickens Brothers, and work is normally scheduled for five-nine hour shifts weekly. Empire Sand & Gravel Company, Inc., contractor, worked seven days crushing, hauling, and placing three inch base surfacing. Twenty men are being employed on the surfacing, and work is normally scheduled for five-nine hour shifts weekly. Percent complete of the various items are as follows. Grading 85%. Drainage 89%. Surfacing 24%. Structure 97%. Fencing 87%. Signing 10%. Project as a whole 54%. 227 of the allotted 303 working days have now been used, making 75% of the contract time elapsed. Ten employees are presently assigned to the projects, and construction layout is now 55% complete.

I 94-2(17)60 Unit 2
Structures on Hysham East & West
0.061 Miles in Treasure County
Contract Let 5-29-75
Amount of Contract - $587,720.44
Work Started 7-1-75

Huchaba Construction, Contractor
Whitehall, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 175 Working Days
Completion Date 9-13-76

Work on the project has been completed. Eight man days have been charged to the project for final computations during the newsletter period. Final computations are 98% complete.

RF 108(16) Billings - North
Billings - Roundup
6.9 Miles - Yellowstone Co.
Gr., Agg. Surf., Pl. Mix Surf.
Drain and Structures
Contract Awarded 8-24-76
Amount of Contract - $2,418,157.90
Work Started 10-19-76

McEachern Const. Co., Contractor
Butte, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 248-4050
Billings, Montana
Contract Time: 160 Working Days
Probable Completion Date 8-1-77

Fair progress. The contractor worked ten 8 hour shifts stripping and stockpiling topsoil between Stations 330+00 and 390+00 and installing RCP and CSP culverts from Station 240+80 to Station 268+65. Swan & Sons, Inc., sub-contractor worked twelve 8 hour shifts completing all fence on the left side which can be done at the present time and completing the right side from Station 270+00 to Station 346+60. A total of 17 men were employed. The culvert items are 7% complete and fencing is 60% complete. The project is 4% complete with 9% of the contract time elapsed. A five man engineering crew was engaged in staking culverts, channel changes and detours. The engineering layout is 9% complete.

RF 188(9) Center Ave. & 3rd St.
Hardin Streets
Gr., Agg. Surf., PMBB, Pl. Mix
Surf., Curb and Gutter, Drain
Sign and Light
Contract Awarded 4-2-76
Amount of Contract - $1,490,610.15
Work Started 4-22-76

Cop Construction Co., Contractor
Billings, Montana
Donald C. Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 180 Working Days
Probable Completion Date 5-1-77

Progress this reporting period has been good. The 1½" plant mix base was completed on the project on November 3, 1976 and the 3/4" plant mix surfacing was began on the same date. 3/4" plant mix surfacing was placed on Third Street, in one lift, between Station 90+35 and 148+91.1 and on Crawford Avenue between Station 0-70 and 7+25. Curb and Gutter was placed on Center Avenue at Station 55+50. Sidewalk was placed on Center Avenue between Station 15+00 and 68+00 and on Third Street between Station 93+00 and 102+00. The contractor worked ten 8 hour shifts with fourteen men employed and one 8 and one 4 hour shifts with seven men employed. Meyer Construction Company, a subcontractor, worked 10 eight and one half hour shifts with 21 men employed. Sandon Construction Company, a subcontractor, worked five 8 hour shifts with ten men employed and five 8 hour shifts with five men employed and three 8 hour shifts with three men employed. A total of 48 men were employed on the project this reporting period. The miscellaneous items are 66% complete. The grading items remain 89% complete. The drainage items remain 95% complete. The surfacing items are 93% complete. The curb and gutter items are 84% complete. The fencing items remain 43% complete. The signing and lighting items remain 30% complete. The project as a whole is 85% complete with 135 days of the 186 working days allowed having been used or 73% of the contract time elapsed. One four man survey crew has been making the final measurement on curb and gutter and sidewalk. Three men have been working in the office. Two men are on curb and sidewalk inspection. A three man crew is assigned to the plant mix operation. Engineering layout is 90% complete.

RF-FLH 334(25) Busby-Lame Deer 3rd Sec.
Crow Agency - Broadus Road
Grade, Drain Agg. Surf., Pl. Mix
Bit. Surf., & Signing 5.8 Miles
Amount of Contract - $2,257,153.79
Contract Awarded 6-9-75
Work Started 9-29-75

Hilde Construction & Maronick Const.
East Helena, Montana
Raymond J. Schaak, Fld. Project Mgr.
Phone No. 592-3663
Busby, Montana
Contract Time: 180 Working Days
Completion Date 10-22-76

All work items were completed on October 22, 1976. The project was accepted as complete on October 26, 1976 by the Division Construction Supervisor. A two man engineering crew are assigned to the project checking final pay quantities.

M 1006(1) Broadwater Avenue
12th to 14th St. West-Billings
Gr. Drain, Agg. Surf., Pl. Mix
Surf., and Sign 0.3 Miles
Contract Awarded 5-28-76
Contract Amount - $407,470.75
Work Started 7-8-76

Cop Construction Co., Contractor
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 6-1-77

The contractor, Cop Construction Company, had an average of eight men employed and worked ten- eight hour shifts backfilling the bin wall on 12th St. West and working on the sidewalk berm getting it ready to receive concrete. The subcontractor, Barry O'Leary Construction Company, had an average of thirteen men employed and worked ten -eight hour shifts hauling and laying 1½" and 3/4" base course on Broadwater Avenue and pouring curb and gutter between 12th St. West and 14th St. West on Broadwater Avenue. The subcontractor, Steel Structures Inc., had two men employed and worked two- eight hour shifts cutting the binwall on 12th St. West to the sidewalk grade. Excavation-Street is approximately 90% complete, compaction-roadbed is approximately 80% complete, base course 1½ Inch Grade 5A is approximately 65% complete, top surf 3/4 Inch Grade 2A is approximately 65% complete, retaining wall-metal bin type is approximately 85% complete, gutter-conc valley 6 Inch is approximately 76% complete and curb and gutter-conc- is approximately 75% complete. All other items remain the same as previously reported. Contract time elapsed has been 96 working days or 96% to date and four working days remain. Ten working days have been added through change orders. Engineering time charged to the project has been 72 man days during the past reporting period. The project as a whole is approximately 70% complete.

M 1008(2) Central Ave. Ramp
Gr. Drain Agg. Surf., Pl. Mix
Surf., Conc. Structure, Light
and Sign 0.443 Miles
Contract Awarded 6-4-76
Contract Amount - $337,781.47
Work Started 6-30-76

Sletten Construction Co., Center
Great Falls, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Probable Completion Date 6-1-77

The prime contractor, Sletten Construction Company, had an average of six men employed and worked nine - eight hour shifts stripping deck forms, placed concrete for barrier rails left and right, stripping rail forms and finishing concrete. The subcontractor, Stolzenburg Inc., had an average of four men employed and worked one - eight hour shift excavating and compacting the subgrade east of the structure. The subcontractor, Barry O'Leary Construction Company, had an average of fourteen men employeed and worked three-eight hour shifts hauling, laying, processing, and rolling 3" gravel east of the structure. The subcontractor, Midland Electric Company, had two men employed and worked nine-eight hour shifts trenching and laying, conduit, pouring pole bases, pulling wire and erecting standards and luminaires. Excavation-unclass is approximately 85% complete, compaction roadbed is approximately 70% complete, base course 3" Grade 2A is approximately 70% complete, conduit steel 1 Inch rigid is approximately 65% complete, conduit steel 1½ Inch rigid is approximately 90% complete, conduit plastic 1½ Inch is approximately 50% complete, pull box concrete type one is 100% complete, conductor-copper AWG8-600V is approximately 50% complete, standard-steel type 10-A-300-4 is approximately 95% complete, standard steel type 10-A-450-4 is approximately 70% complete, luminaire assembly-400W S.V. is approximately 45% complete, luminaire assembly 250 W.S.V. is approximately 95% complete, concrete-class AD is approximately 97% complete, reinforcing steel is approximately 99% complete. All other items remain the same as previously reported.

M 1008(2) Centeral Ave. Ramp
Contract time elapsed has been 97 working days or 64% to date and 54 working days remain. Engineering time charged to the project has been 38 man-days during the past reporting period. The project as a whole is approximately 70% complete.

M 1018(2) & M 1099(2) U2
Interim Couplet 4th & 6th Ave. No.-Billings
Gr., Agg. Surf., Pl. Mix Surf., Signs & Signals
Contract Amount - $128,510.00
Contract Awarded - 10-29-76
Work Not Started

Midland Electric Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date: 4-1-77

The contractor has not yet requested a preconstruction conference and no engineering personnel have worked on the project.

RS 129(14) Columbus-Rapelje
4.345 Miles-Grading, Agg. Surf.
Pl. Mix Bit. Base, Signing and
91.25' Structure
Amount of Contract - $1,348,465.14
Contract Awarded 6-5-75
Work Started 6-30-76

Meyer Construction Co., Contr.
Billings, Montana
Donald R. Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Phone No. 322-5952
Columbus, Montana
Contract Time: 150 Working Days
Probable Completion Date 5-30-77

No work was done on the project during this period. Bridge Items are 100% Complete. Grading Items are 100% complete. Surfacing Items are 91% complete. Fencing Items are 83% complete. Seeding Items are 93% complete. Drainage Items are 100% complete. Guardrail Items are 100% complete. Signing and Striping Items are 43% complete. One man worked three days computing quantities, checking notes and doing general office work. Construction layout is 98% complete. The project is 97% complete with 92% of the contract time elapsed.

HHS 212(20) Lodge Grass - North
6.0 Miles Pl. Mix Bit. Base Overlay
Skid Correction
Big Horn County
Contract Amount - $322,491.40
Contract Awarded 5-14-76
Work Started 8-25-76

Empire Sand & Gravel Co., Inc.
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 60 Working Days
Probable Completion Date 5-30-77

The project is now under seasonal shutdown due to time limitations for seal coat operation. The project as a whole is 92% complete with 91% of the contract time elapsed.

Respectfully submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/JBR/st

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
November 12, 1976

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending November 12, 1976, for Division 5230 - Miles City, Montana.

GENERAL

Mostly clear skies and occassional windy periods prevailed during the past week. Numerous periods of precipitation caused delays on all projects during the period. Temperatures ranged from 0° to 56°. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

RS 45 (12) - Garland-Northeast Extension
Length - Approx. 1.5 Miles
Survey Not Started

Field Project Manager - Not Assigned
Probable Completion Date: Jan. 15, 1977

Engineering personnel will be assigned to this 1.5 mile extension of Project RS 45 (12) as soon as available.

S 252 (4) - 8 Mi. So. of Rosebud-South
(South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974

Ray R. Garland, Field Project Manager
Forsyth, Montana - Tel. No. 356-2230
Probable Completion Date: June 15, 1977

To date, centerline and levels have been run and ownerships checked on 9.0 miles or 100% complete. 100 man days have been used. The survey as a whole is 29% complete.

DP 252 (5) - Rosebud-South
(Ashland-Northwest Section)
Length - Approx. 28.3 Miles
Survey Started: August 28, 1975

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: March 15, 1977

No work was performed on this project during the period. To date, ownerships have been checked and fly line run on 20.2 miles or 71% complete. 101 man days have been used. The survey as a whole is 5% complete.

DP 323 (16) - Colstrip to I-94
(Center Section)
Length - Approx. 17.9 Miles
Survey Started: January 13, 1976

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: Jan. 30, 1977

No work was performed on this project during the past period. A total of 387 man days have been used to date. Ground control work for photogammetry design has been completed. Further field work will not be performed until requested.

DP 363 (9) - Lame Deer-Colstrip (South Section)
Length - Approx. 9.0 Miles
Survey Not Started

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: April 15, 1977

Authorization to make this location survey was issued June 18, 1976. Engineering personnel will be assigned when available.

DP 334 (27) - Lame Deer-Ashland
Length - Approx. 22.0 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1977

Preliminary engineering for reconnaissance only was authorized June 18, 1975. Engineering personnel will be assigned when available.

RF 334 (28) - Ashland-East
Length - Approx. 20.4 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1977

Authorization to make a ground control survey for design mapping was issued June 2, 1976. Engineering personnel will be assigned when available.

RS 460 (10) - Boyes-South on SR-544
Length - Approx. 8.0 Miles
Survey Started: November 17, 1975

Robert E. Swanson, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: June 15, 1977

Field Project Manager, Robert E. Swanson, and crew were assigned to this project August 1, 1975. Work in progress since that date has consisted of checking ownerships and securing Right-of-Entry Permits and establishing fly line.

CONSTRUCTION

I 94-3 (29) 90 U-2 - Forsyth-E & W
Length - 5.745 Mi. Grad., Gravel Surf., Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, & 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - US 12-I Conn.-Forsyth
Length - 0.306 Miles Grad., Gravel Surf., Pl. Mix Surf., Sign., & 233.0' BN Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Ray R. Garland, Field Proj. Mgr. (Roadway)
Walter D. Dane, Fld. Proj. Mgr. (Structure)
Forsyth, Mt. - Tel. No. 356-2230
Contract Time: 300 Working Days
Probable Completion Date: Dec. 15, 1977

I 94-3 (29) 90 U-2 (Continued)

Progress during the past period has been good. 175,000 cubic yards unclassified excavation were moved making a total of 680,000 cubic yards or 47% complete. 25,000 cubic yards of unclassified borrow were moved making a total of 320,000 cubic yards or 64% complete. 576 lineal feet of CSP culvert have been placed making a total of 2,520 lineal feet or 69% complete. 311 rods of fence were installed making a total of 2,103 rods or 55% complete. 1,079 tons of plant mix Type 3 have been placed making a total of 4,820 tons or 10% complete. 372 lineal feet of RCP culvert have been placed or 29% complete. Plant mix seal is 80% complete and SSPP culvert is 100% complete. The contractor worked eighteen 9-hour shifts with 140 men employed. The structures as a whole are 21% complete. The contract as a whole is 37% complete with 38% of the contract time elapsed. Construction layout, with a 10-man engineering crew engaged, is 72% complete.

I 94-3 (27) 114 - Hathaway-E & W
Length - 5.6 Miles Grading, Aggregate Surfacing, Plant Mix Bit. Surf., & 244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Delmer F. Borer, Fld. Proj. Mgr. (Roadway)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 200 Working Days
Probable Completion Date: July 30, 1977

Progress during the past period has been good. 23,960 tons of 3" crushed base surfacing were produced making a total of 73,237 tons or 84% complete. 1,993 tons of 1½" crushed base surfacing have been produced or 3% complete. 5 cubic yards of class DD concrete were placed making a total of 90 cubic yards or 100% complete. 12 cubic yards of class AC-DC concrete were placed making a total of 12 cubic yards or 100% complete. The prime contractor worked five 9-hour shifts during the past period with 6 men employed. The subcontractor worked ten 9-hour shifts during the past period with 16 men employed. The project as a whole is 80% complete with 61% of the contract time elapsed. Construction layout, with a four-man engineering crew engaged, is 83% complete.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf., and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles SE of Miles City-NW
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Probable Completion Date: July 15, 1977

Progress during the past period has been good. To date, 229,987 cubic yards of unclassified excavation have been moved or 95% complete. To date, 3,422 lineal feet of CSP have been layed or 96% complete. 1,515 tons of 1" base course were placed making a total of 21,385 tons or 93% complete. 4,361 tons of plant mix bituminous surfacing type 2 were placed making a total of 44,586 tons or 100% complete. 1,657 tons of plant mix bituminous base were placed or 1% complete. The prime contractor worked thirteen 9-hour shifts with an average of 50 men employed. The fencing contractor worked two 8-hour shifts with 2 men employed. The project as a whole is 48% complete with 65% of the contract time elapsed. Construction layout, with an eleven-man engineering crew engaged, is 80% complete.

BRF 262 (19) - Broadus-Wyoming Line
Construction of a 121.5' Steel & Concrete Girder Bridge & Approaches over the Little Powder River
Contract Let: February 27, 1975
Proceed Order: April 16, 1975
Amount of Contract: $428,992.40
Work Started: June 4, 1975

COP Construction Company, Contractor
Billings, Montana
Robert E. Swanson, Fld. Proj. Mgr. (Appr.)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 125 Working Days
Actual Completion Date: October 26, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions October 26, 1976. Formal inspection and acceptance were made October 27, 1976. The final estimate with a two-man engineering crew engaged, is 70% complete and will be submitted to the Division Office about November 30, 1976.

RF 407 (6) - Broadus-South
Length - 5.5 Miles Grade, Gravel Surf., & Plant Mix Bit. Surf.; 11.4 Miles Seal & Cover and 29.4 Miles Delineation
Contract Let: May 15, 1975
Proceed Order: June 11, 1975
Amount of Contract: $1,259,213.07
Work Started: July 30, 1975

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Robert E. Swanson, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 200 Working Days
Actual Completion Date: Nov. 4, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions November 4, 1976. Formal inspection and acceptance were made November 9, 1976. The final estimate with a one-man engineering crew engaged is 60% complete and will be submitted to the Division Office about December 31, 1976.

RS 45 (14) - Garland-Miles City
Length - 6.6 Miles Grade, Gravel Surf. and Plant Mix Base Surfacing
Contract Let: April 24, 1975
Proceed Order: May 21, 1975
Amount of Contract: $1,140,419.89
Work Started: May 12, 1975

Joe Mayo & Son, Inc., Contractor
Cavalier, North Dakota
Delmer F. Borer, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Actual Completion Date: Sept. 2, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions September 2, 1976. Formal inspection and acceptance were made September 3, 1976. The final estimate was submitted to the Division Office on October 26, 1976, and is currently 90% complete.

M 8009 (1) - Signals at Main & 8th Street - Miles City
Contract Let: September 30, 1975
Proceed Order: October 22, 1975
Amount of Contract: $24,447.40
Work Started: April 26, 1976

Miles City Electric Co., Contractor
Miles City, Montana
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 45 Working Days
Actual Completion Date: August 17, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions August 17, 1976. Formal inspection and acceptance were made August 23, 1976. The final estimate with a one-man engineering crew engaged, is 87% complete and will be submitted to the Division Office about December 15, 1976.

KGR:DM:dk
cc: Div. File

Kenneth G. Rapp, P. E.
Supr.-Div. Constr. Section

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA

November 12, 1976

State of Montana
Department of Highways
Helena, MT 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of October 30, 1976, through November 12, 1976.

GENERAL

The temperatures varied from 71 degrees above to 5 degrees above zero with 0.00 inches of percipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

F 8 (19) Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Authorized: 5-26-70
Survey Started: 1-4-71
Survey Completed: 4-5-73

Mitch J. Miller, Designer
Lewistown, Montana
Telephone: 538-8732

Martinsdale-East: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on April 16, 1973. Bridge Situation Survey was submitted to Helena on September 18, 1973. Drainage and Irrigation Notes, including field recommendations, were submitted to Helena on September 18, 1973. Additional information will be submitted to the Hydraulics Section, Helena, when grades are adjusted to balance the Project. Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 6% complete with 12 man-days expended to date.

Two Dot-West: Bridge Situation Surveys were submitted to the Preconstruction Section in Helena on September 18, 1973. Additional information was submitted to the Hydraulics Section, Helena, for their use in designing preliminary recommendations. I.B.M. sheets for Run No. 2 were received from Helena on September 29, 1976. Tracing Plan and Profile Linens remain 80% complete; plotting templates and computing volumes are 96% complete. The design as a whole is 25% complete with 129½ man-days expended to date.

RS 14 (12) Martinsdale to US 12 — Ross M. Johnson
Approximate Length: 2.188 Miles — Field Project Manager
Survey Authorized: 8-30-74 — Lewistown, Montana
Survey Started: 3-25-76 — Telephone: 538-8732
Survey Completed:

No work was performed on this project the past reporting period as personnel are presently working on construction projects in the Denton area.

RS 68 (7) PN-Lohse Ferry Bridge and Approaches — Unassigned at this time
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5-30-75
Survey Started: Not yet

Authorization to proceed with location along the Alternate "E" Route was received from Helena on June 3, 1975. No crew has been available due to construction schedule. Location will begin when time permits and a crew becomes available.

RF 235 (38) Geyser-Stanford — Carl W. Park
Approximate Length: 12.51 Miles — Field Project Manager
Survey Authorized: 1-22-74 — Lewistown, Montana
Survey Started: 1-6-75 — Telephone: 538-8732
Survey Suspended: 4-7-75
Survey Resumed: 1-22-76

Field survey work was suspended January 30, 1976, resumed February 18, 1976, and suspended February 20, 1976. Items and percentage complete are as follows: centerline, bench levels, and land ownerships 100% complete; cross-section 95% complete; checking field notes 90% complete; topography 44% complete; section ties 16% complete; plotting cross-sections and profile are 12% complete. A total of 397 man-days have been expended and the survey is 82% complete.

ER 72 (23) Lewistown-Southeast Fergus County — Charles W. Buck
Approximate Length: 0.445 Miles — Field Project Manager
Survey Authorized: 12-31-75 — Lewistown, Montana
Survey Started: 7-20-76 — Telephone: 538-8732
Survey Suspended: 7-29-76
Survey Resumed: 9-27-76

No work was accomplished on this project during this reporting period. Preliminary cross-sections are about 100% complete. Centerline is run, bench marks set, cross-sections are complete, and levels ran and checked for 100% complete. Additional topography is requried so topographv is about 80% complete. A total of 66 man-days have been expended to date. The location survey is about 80% complete.

DESIGN: Six man-days were used plotting and inking mylar and profile for 100% complete; plotting and inking cross-sections for 50% complete. The design as a whole is 5% complete with 6 man-days expended to date.

F 256 (35) Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2-14-72
Survey Started: 11-25-74

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field location survey was suspended January 3, 1975. Work completed to date includes: obtaining permission to survey permits, land ownerships, flyline,bench levels established and check levels, and centerline. Section ties are 30% complete; cross-sections are 15% complete, topography 10% complete, plotting cross-sections and profile are 15% complete. A total of 145 man-days have been expended with the location survey 39% complete.

S 258 (6) Rock Springs-Van Norman
Approximate Length: 14.0 Miles
Survey Authorized: 4-10-73
Survey Started: 9-10-73

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Twenty-three man-days were expended completing bridge site survey, Station 16+00 to Station 23+00 during this work period. Additional topography is required due to the eight miles of buried telephone cable, so topography is only about 80% complete. Field notes checked and cross-sections reduced and plotted from Station 0+00 to Station 18+00 and from Station 22+00 to Station 757+24.9 for a total to date of 14.0 Miles or 95% complete. Plotting topography and drainage from Station 0+00 to Station 18+00 and from Station 22+00 to Station 757+24.9 is 100% complete with the exception of eight miles of additional cable topography and the bridge site survey topography Station 16+00 to Station 23+00. Plotting profile from Station 0+00 to Station 18+00 and Station 22+00 to Station 757+24.9 for a total of 14.0 miles or 95% complete. A total of 601 man-days have been expended on field location survey which remains about 96% complete.

DESIGN: Tracing plan and profile linens remain 80% complete. Eight man-days were used laying preliminary grades on profile for 85% complete. The design as a whole is 5% complete with 27 man-days expended to date.

ER 72 (21) Melstone-Mosby
Approximate Length: 10.379 Miles
Survey Authorized: 1-27-76
Survey Started:
Survey Completed:

Unassigned at this time

Geology Department started and completed foundation core drilling Feb. 25, 1976. No location work has begun on this project. Survey work will be accomplished when a field survey crew becomes available.

SRS 4148 (52) Various Locations
Grade Crossing Signals

Off-System

Detailed drawing of the Grade Crossing at Stanford, Windham, and Central Avenue-Lewistown, have been sent to the R/W Bureau for further processing.

RF 8 (22) White Sulphur Springs-Harlowton
Length: 6.935 Miles
Grade, Gravel, Plant Mix Surface, and Drain
Meagher County
Contract Awarded: 10-3-74
Bid Price: $1,766,953.86
Work Started: 5-13-75

Hilde Construction Company and
Maronick Construction Co. (JV)
Great Falls, Montana
Ross M. Johnson
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 180 working days
Probable Compl. Date: 11-15-76

The contractor, Maronick Construction Co., worked seven days this past reporting period on pit reclamation. The project as a whole is approximately 99% complete with 93% of the contract time elapsed. The engineering crew has been assigned to other projects in and around the Lewistown area.

ER 72 (15) Armells Creek Slide
Grade, Channel Change, and Riprap
0.05 Miles Fergus County
Contract Awarded: 8-30-76
Bid Price: $143,208.10

Rehbein Contracting, Inc.
Plains, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 40 working days
Probable Compl. Date: 5-01-76

Progress during the past reporting period has been good. The contractor worked 6 to 8 men nine 9-hour shifts. Work consisted of excavating approximately 2000 cu. yds. of unclassified excavation for a total to date of 28,815 cu. yds. or 100% complete; placing 3,720 sq. yds. filter cloth for 100% complete; placing 1000 cu. yds. of Class 2 riprap or 41% complete, hauling and stockpiling 1,740 cu. yds. of Class 2 riprap for a total to date of2,640 cu. yds. or 100% complete. The project as a whole is 85.6% complete with 95.1% of the contract time elapsed. Engineering layout is 100% complete with a two-man engineering crew assinged to the project.

U-RF 103 (15) Lewistown-North
Length: 2.7 Miles
Grading, Aggregate Surface, Plant Mix
Bituminous Surfacing, Sewer Installation,
Signing, Lighting, and a 40.0 Prestressed
Concrete Bridge over Spring Creek
Contract Let: 4-1-76
Bid Price: $1,820,322.90
Work Started: 5-24-76

Washington Construction Company
P. O. Box 1502
Missoula, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. Devore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 160 working days
Probable Compl. Date: 6-01-77

continued...

U-RF 103 (15) Lewistown-North continued...

ROAD: Progress the past two weeks has been fair. The prime contractor worked ten 8-hour shifts with six men employed. Construction work consisted of completion of gravel surfacing, plant mix bituminous surfacing and pouring of concrete sidewalk.

McIntyre Construction Co. worked three 8-hour shifts with 20 men employed. 415 tons of 1½" plant mix bituminous base were produced for a total of 22,662 tons or 100% complete; 725 tons of Type III plant mix bituminous surfacing were produced making a total of 12,545 tons or 100% complete.

Western Sign Co. worked two 8-hour shifts with 5 men employed. Installation of guard rail at Spring Creek Bridge and Milwaukee Railroad crossing is 100% complete. Installation of signs remains 85% complete.

Curb and gutter, as well as concrete sidewalk installation, is 95% complete. Subcontractor worked ten 8-hour shifts with three to ten men employed.

Sub-contractor for striping operations, Walt Lins & Sons, advises that work will be completed on 11-13-76 if weather permits.

The project as a whole is 96% complete with 73% of the contract working days expended. Construction layout is 100% complete with a nine-man engineering crew assigned for supervision and inspection.

BRIDGE: The bridge sub-contractor, F. L. Flynn & Co., has made good progress on the bridge over Spring Creek. The structure is now complete except for the linseed oil treatment and minor painting on the hand rail. The flex beam guard rail is in place, and all finish work under the structure is complete. Two engineering employees are assigned to this phase of the work.

RF 138 (8) Roundup-North
Grade, Gravel, Plant Mix Surfacing, Bridge
Project Length: 6.2 Miles
Contract Awarded: 5-24-76
Work Started: 7-1-76
Contract Amount: $2,033,972.96

Zook Brothers Construction Co.
Great Falls, Montana
Robert A. Passow
Field Project Manager (Road)
Albert G. Reather
Field Project Manager (Bridge)
Telephone: 323-2040
Roundup, Montana
Contract Time: 180 working days
Probable Compl. Date: 9-15-77

ROAD: Progress the past two weeks has been good. Seventy-five to eighty men have worked twelve 8-hour shifts on grading, culverts, laying gravel, placing PMBB, and gravel crushing. Major and minor culvert installation is 100% complete. Grading operation is 98% complete. 40,499.7 tons of 1½" CBC Type A, Grade 5 have been produced and placed for a total of 102,736.9 tons or 70% complete. 4,712 tons of plant mix bituminous base G-1 have been produced and placed for a total of 4,712 tons or 18% complete. A 15-man engineering crew is assigned to project inspection and layout. 62% of the project is complete with 54% of the contract time elapsed.

BRIDGE: 100% complete, pending final guardrail touch-up.

RS 49 (10) Fort Logan-White Sulphur Springs
0.9 Miles Structure and Approaches
Contract Let: 11-14-74
Contract Awarded: 11-15-74
Bid Price: $426,589.77
Work Started: 12-10-74

Sletten Construction Company
Great Falls, Montana
Ross M. Johnson
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 150 working days
Completion Date: 8-24-76

The project was completed on August 24, 1976, with 93% of the allotted contract time used. On August 27, 1976, Mr. R.W.Freeman, Division Construction Section Supervisor, and the Meagher County Officials made their final acceptance of the project. Final Estimate and supporting data are being checked for submission to the division office.

RS 71 (6) Ryegate-South
Gravel, Plant Mix Base, and Stripe
Contract Awarded: 4-29-76
Contract Amount: $424,429.54
Work Started: 5-20-76

R. J. Studer & Sons Construction
P. O. Box 20204
Billings, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 90 working days
Completion Date: 10-26-76

The project was completed on October 26, 1976, with 99% of the allotted contract time used. On November 1, 1976, Mr. R.W.Freeman, Division Construction Section Supervisor, and the Golden Valley County Commissioners made their final acceptance of the project. Final Estimate and supporting data are being checked for submission to the division office.

RS 444 (3) Utica-Windham
Length: 10.7 Miles
Grade, Gravel, Plant Mix Base
Contract Awarded: 5-28-76
Contract Amount: $1,874,234.66
Work Started: 8-5-76

Hilde Construction Company and
Maronick Construction Co. (JV)
East Helena, Montana
Bruce Barrett
Field Project Manager
Telephone: 423-5327
Hobson, Montana
Contract Time: 180 working days
Probable Compl. Date: 9-15-77

Progress the past reporting period has been good. 89,481 cu. yds. of Unclassified Excavation have been moved for a total to date of 611,074 cu. yds. or 92% complete. 19,706 tons of CBC Type A Grade 5 were placed for a total to date of 54,688 tons or 32% complete. Major and minor drainage installations are 97% complete. The contractor has 40 men working one 9-hour shift five days per week on grading and misc. clean-up and one 9-hour shift five days per week on the gravel operation. The double shift on grading was discontinued as of close of shift on November 10, 1976. The project is 52% complete with 53% of the contract time used. Construction layout is 85% complete with a 14-man engineering crew assigned to the project.

RS 450 (3) Denton-North
6.4 Miles Grading, Aggregate Surfacing, Plant Mix Surfacing, Drain, Seal and Cover, Signing and Construct a 85.0 Prestressed Concrete Bridge
Fergus County
Contract Awarded: 3-31-76
Contract Amount: $1,001,089.52
Work Started: 4-19-76

Zook Brothers Construction Co.
P. O. Box 2025
Great Falls, Montana
Ross M. Johnson
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 175 working days
Probable Compl. Date: 7-1-77

No work has been done on the project during the past reporting period. The contractor has moved off the project until next spring when weather limitations will permit chip and seal operations. The project as a whole is 92% complete with 60% of the contract time elapsed. The engineering crew has been assigned to other projects and checking finals.

Respectfully submitted,

R. W. Freeman, P.E., Supervisor
Division Construction Section

RWF/JHP/jrw

DIRECT PARTICIPATION

FEDERAL HIGHWAY ADMINISTRATION

October 15, 1976

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

October 15, 1976

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
BHC 1(3)	Big Horn Canyon National Recreation Area	9.65	Grading, PMS	27	5 OCT. 1977	R. J. Studer & Sons $2,759,751.00
FHP 43-1(4)	Yellowstone Canyon Highway - Bridge over Yellowstone River and Gardiner Street	1.362	Grading, Base, PMS, Bridge Widening	91	97 JUNE 1976 (Work Resumed)	Weyher Construction Co. $1,515,936.36